



1964



1964

The Kekiongan



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kekiongan

1964

**published
by the
students of**

**indiana
institute
of
technology**

**fort wayne
indiana**

Editor: Dan Hartnett; Assistant Editors: Joe Concannon, Sam Medici; Photography: William Dvorak, Photo-Reflex at Wolf & Dessauer, Neuman Studio, Owen Fox, Kwok-Fun Fung, Robert Knapp; Faculty Moderator: Darrow Fox; Publisher: Benson Printing Company.



this

was

the

year

that



**was a big
year for the
warriors**

kalbfleisch hall

anthony bldg.

**the new
chief**

**proposed
alumni
quadrangle**



As in years before, Tech students worked hard and played hard in 1964. At the same time they saw tangible evidence of the continuing development and growth of Tech which included: the inauguration of Tech's new president; the acquisition of the Anthony building and many new classrooms for the Freshman Division; the acquisition of a new dormitory, Kalbfleisch Hall, which was made possible by the generous gift of Mr. and Mrs. Carl Pierson; and the plans for additional dormitory and living space for students in the proposed Alumni Center which will be started as soon as gifts from Tech alumni make it feasible to begin construction.



In honored memory of the distinguished educational achievements of the founder of this college. . . . In heartfelt gratitude to those whose generous gifts created this structure. . . . To the welfare of all students who in years to come will share these facilities. . . . To the glory of Eternal God and for the good of all mankind. . . . We dedicate and name this building KALBFLEISCH HALL.



Mrs. Pierson, President Thoma,
Mr. Pierson.





Tech moved into the Anthony Building at the beginning of the Spring Term 1964. Above are students on the steps between classes and at work in the Engineering Graphics room.







Tech Day consists of demonstrations and displays in Dana building, physics labs and computer lab. Students and instructors take part to explain the different displays being presented in the laboratories.

Dancing . . .



Music . . .



"Bathtub Gin . . ."

the "roaring twenties"



First Snow



Student Lounge

Tinker Toys?

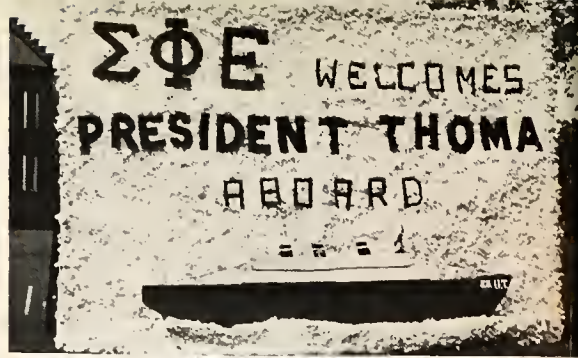


Tech has coeds. This is Linda Copland entering the library.

Decorations



Greeting the Queens



Queens

Left to Right: Sharron Poyser, Queen Mary Ann Snow, Karen Woodward.



Back Row, Left to Right: Frank Ello, Ralph Riehl, Charles Brockett, Tom Martin (seated).



PRESIDENT EDWARD C. THOMA

"In today's world, engineering and science hold one of the keys to freedom from want, from ignorance, from disease, from slavery imposed by man and nature. But engineering and science are only a means—not an end. If they become the end, then man is less human—and a great deal less than his Creator intended him to be. It is the aim and purpose of this college that its graduates shall use their

technological educations wisely and generously, for the common good.

"As we chart our course into the future, we who are the officers and trustees of this institution are deeply grateful for the fine students, the able teachers and the faithful friends who have built this college, and sustained it through years of struggle, and given it an honored name."

From the President's Inaugural Address,
May 23, 1964

president

**The
Inauguration of
Edward Charles Thoma
as Third President of
Indiana Institute
of
Technology**



**May
Twenty-third
Nineteen
Sixty-four**





President Thoma receiving congratulations from his family after his inauguration. Left to Right: David Thoma, Gary Thoma, Dr. Edward Thoma, holding Mark; Mrs. Thoma, Barbara Thoma, Mrs. E. G. Thoma (Dr. Thoma's mother), Mrs. David Thoma.

President Thoma delivering the commencement address of June 13, 1964.



President Thoma Conferring honorary degrees on; Left to Right: Dr. Edward Thoma, John Edward Martin, Frank Ellison Best, E. Ross Adair, J. Forrest Bigelow.

President and Mrs. Thoma at the Inaugural Ball.



The Glee Club directed by Professor Loren Yaggy provided music for the Inauguration.



The Inaugural Ball was attended by students, faculty, alumni and friends of the college.



**tech students take time out
for games after classes**





Dean Ruhl and Gary Thoma assisting President Thoma and Harold Belt in preparations for the trip east to explain the proposed Alumni Center to alumni groups of that area.



Richard Blank and Charles Lepley are shown discussing the model of the proposed Alumni Center with President Thoma.

administration

faculty



MR. C. A. OVERHOLT



**vice-
president
and
treasurer**



**dean
of
faculty**

DR. RALPH YOUNG



DR. WALTER WILLIAMS

dean of engineering



DR. ROBERT PICKERING

**dean of
students**

ROBERT RUHL
Assistant to the President



HAROLD BELT
Assistant to the President



MAC FUELBER
Business Manager and Director of Purchases



CATHERINE WALSH
Secretary to the Board of Trustees,
Secretary to the President and
Foreign Student Advisor



OREN HUFFER
Registrar and Director of Admissions

KENNETH LOUGHMILLER
Director of Industrial Relations



RICHARD DERNER
Director of Research and Development



ROBERT LARGE
Director of Placement

PAUL ARNOLD
Freshman Advisor



EVELYN BOWYER
Assistant Registrar



GORDON C. WARNES
Student Recruitment



ANN WINTRODE
Librarian

aerospace engineering

Today's aerodynamic courses are quite different from those of a few years ago since supersonic flow causes significant heating and thermodynamics has to be carefully taken into account. Earthbound navigation courses have been supplanted by spacial navigation. Structural analysis courses have shifted the emphasis from triangulated, determinant frames

to the indeterminate, stressed-skin structures. Mathematics continues (in its radically advanced forms) to be an important tool in this field.

This department continues as one using the most advanced scientific information to help develop and produce modern means of transportation through our atmosphere and through space beyond.

Benjamin Dow (Chairman).

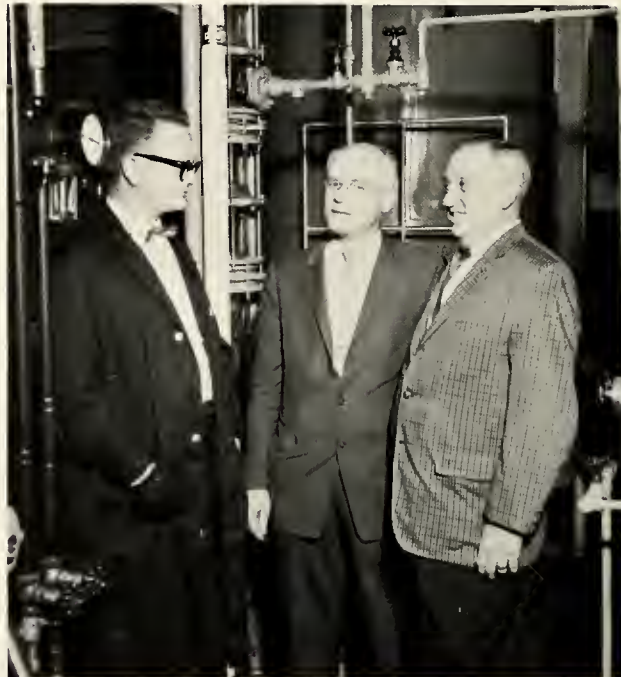


Bennett Kemp, explaining the wind tunnel on Tech Day.



chemical engineering

The Department of Chemical Engineering aims to develop the student into a well-rounded, competent, and socially adjusted graduate. The development of the ability to THINK is paramount. The project method of instruction is used in the laboratory which is equipped with standard pilot plant apparatus such as stills, evaporators, filter presses, and mass and energy transfer units. The curriculum covers basic sciences, engineering sciences, applied science (engineering), and general subjects, which gives a broad foundation enabling the student to be employed in design, operations, sales, teaching, and research.



John Cochran, Joseph W. Cranmer, Tod B. Dixon (Chairman).

Robert C. Ruhl (Chairman), Eugene Tigges, Donald Cochran, William Shrader.



civil engineering

Civil Engineering is the oldest of all the engineering fields. It has always been concerned with projects of both public and private nature that effect the social and economic life of the people.

Originally, Civil Engineering was concerned with the construction of bridges, roads and buildings which are still major areas in the Civil Engineering field. In the last half-century, additional areas have been added to the field of Civil Engineering, such as; water supply, waste disposal, city planning, and traffic engineering. These are of importance for the public health and welfare.

electrical engineering

Electrical Engineering encompasses many and varied fields. The graduate electrical engineer may find himself working in the fields of radar, guided missiles and satellites, atomic energy, electronic computers, radio communications, television, control systems, power generation and distribution, and other numerous specialized phases of Electrical Engineering.



Peter Sorensen, Dr. Williams, Arthur Price, Maurice Simmons, Earl Devlin, John Whitney.



Left to Right: Edward Guindon; Laszlo Szegedy; Robert Swindell; Robert Blair; Warren Hoffman; Norman Long, (Department Chairman).

mechanical engineering

The Mechanical Engineer is responsible for the designing and building of machines to produce power and the machines to utilize that power. Every manufactured article, no matter what its nature, requires the services of Mechanical Engineers both in the design of the machines by which it is manufactured and in the operation of the factory itself.

Creative thinking is nurtured and encouraged in the Mechanical Engineering Laboratories.

Erwin Horiak, Ivan Planck, Cleo Quinn, Robert Marshall, Howard Macklin.

chemistry

Chemistry is the science of change, and serves as one of the main foundation stones for all Science and Engineering. It is one of the essential backgrounds for every educated man in this Technological Age.

The Department of Chemistry not only serves to provide instruction in basic Chemistry for all Science and Engineering disciplines, but offers Advanced Courses in Chemistry for those interested in Research in industry or in further study in Graduate Schools.





Vonne Muesling, Loren Yaggy, Margaret Huff, Mary Weimer (Chairman), Helen Dinius, Darrow Fox, Shahnaz Qureshi.

english department

The primary purpose of the English Department in an engineering school is to teach the engineering student to express himself effectively in both speech and writing. The English Department offers courses in composition, literature, and speech so that the student may become a well-rounded person able to meet the challenges in life.

mathematics department

In our complex society, scientific progress depends on the mathematician, the engineer and many other scientists whose primary tool is mathematics. The Department of Mathematics offers a well-rounded course for the young mathematicians, as well as the essential mathematics for the engineering, physics and chemistry students.



Donald Henderson, Harry Mellin, Hugh Harp, Robert Leeper, Gordon Cole, Richard Sarber, Juana Santana, James Dohner, Walter Bartlett, Charles Carr (Chairman).



Chimanlal Patel, Richard Reeves, Ralph Bracht, Kozaburo Miyakawa, Chairman, Daniel Dyer,

physics department

If, as has been said, "this is the atomic age," then this is the age of physics. Nuclear weapons and machines are products of the physics laboratory. Each new day finds the physicists of our nation expanding the horizons of man's knowledge. Therefore, Indiana Institute of Technology meets the need for training in physics by offering basic and advanced courses designed to prepare a student either for direct participation in industry, or for a scientific career of the more traditional type.



engineering graphics

The engineer must have a thorough knowledge of Engineering Graphics if he is not to be considered an engineering "illiterate". This is the language by which the engineer communicates with others of his profession, draftsmen and technicians for whose work he is responsible to his employer, and others in his broad field of endeavor. Industry has indicated that it considers this one of the most important subjects of which a newly employed graduate engineer must have knowledge. Engineering Graphics assists in the development of creative ability by training in space visualization. It develops the powers of analysis and synthesis. It provides a superior means of developing, and recording, ideas for posterity. It is, in other words, a tool of greatest importance to all who anticipate a future in Engineering.



Lee Bernhardt (Chairman).

Dwight Case



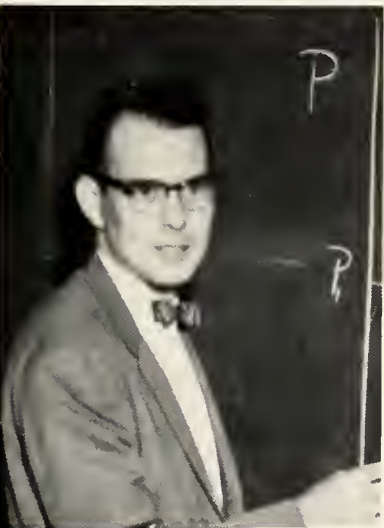
Meredith Sprunger
(Department Chairman)



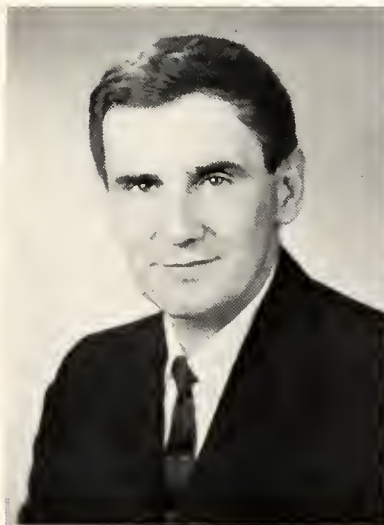
Phillip Kennell



Robert Bahney



George Mendenhall



Robert Macy



Jerre McManama

The Humanities and Social Sciences in the college curriculum present the Historic, literary, artistic, and philosophical heritage of our culture along with the accumulation of knowledge in the behavioral sciences.

humanities and social sciences



Mr. and Mrs. Allan Lee

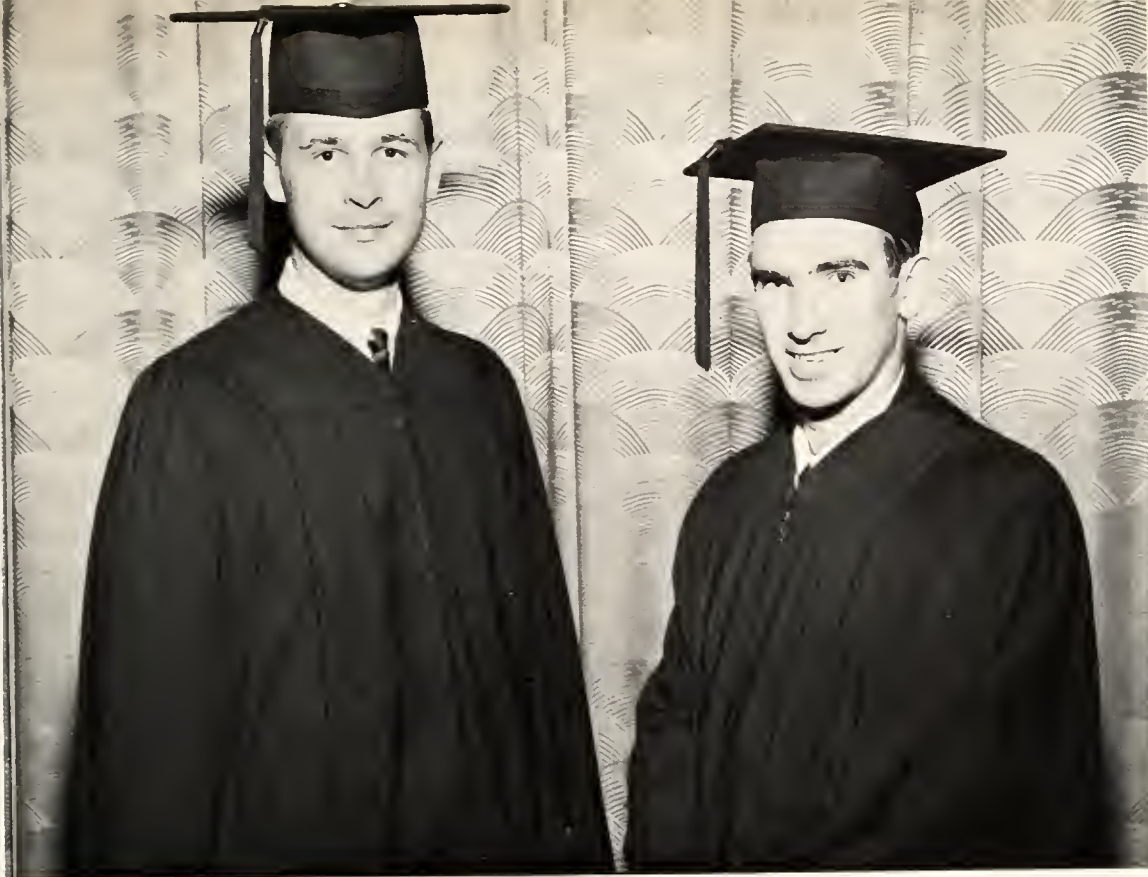


President Thoma shown accepting the Anthony Building Directory from Donald Cathcart, president of the Senior class.

Gerhardt Kennepohl with his son . . . a future Tech man?

Sandra Yaggy accompanied the Glee Club at the organ for commencement.





Summa Cum Laude Graduates James Claffee and Alexander Davidson.

graduates

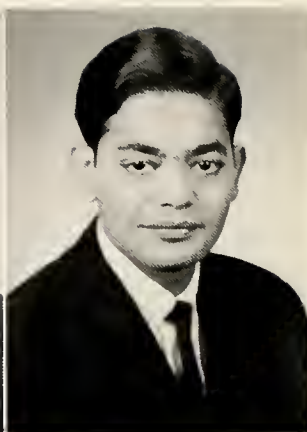


fall seniors

First Row:

Omar R. Abbas, BCE; Damascus, Syria; Organization of Arab Students, President, Vice-President; Nations United Club.

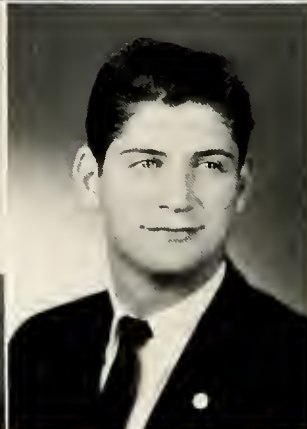
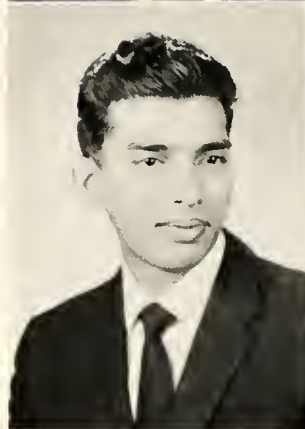
Narottam Agrawal, BSChE; Bombay, India; India Association.



Second Row:

Shashikant M. Anandpura, BChE; Bombay India; President's List (1); Dean's List (2).

Melvin Appelbaum, BSMath; Queens Village, New York; President's List (4); Dean's List (4); Student Council, Treasurer, Class Representative; Physics Club; Math Club; Judo Club, President; Nucleus Reporter; Computer Lab Assistant.



Third Row:

Bahram Aynessazian, BSME; Teheran, Iran; Mechanical Club; Society of Automotive Engineers; Iranian Student Organization; Glee Club.

Elbert J. Batchelor, BSCE; Pink Hill, North Carolina; Association of Civil Engineers, Sgt. at Arms.



Fourth Row:

Doyle H. Baum, BCE; Mentone, Indiana; Dean's List (8); President's List (3); Association of Civil Engineers; Varsity Basketball Team; Assistant Physical Education Instructor.

Ranjit S. Baweja, BEE; Ludhiana, India.



fall seniors

First Row:

Blase Bonatsos, BME; Xylokastron, Greece; Theta Xi, House Manager.

Charles D. Booker Jr., BS Math; Nashville, Tennessee; President's List (2); Dean's List (8); Alpha Omega Tau, Vice-President, Chaplain; Bowling Club; Physics Lab Instructor; Intramurals.

Second Row:

Charles Crothers, BSEE; Fort Wayne, Indiana; Institute of Electrical and Electronic Engineers.

Lawrence D. Dixon, BSCE; Quincy, Illinois; Dean's List (1); Association of Civil Engineers.

Third Row:

Claude G. Dunne Jr., BSCE; McGehee, Arkansas; Association of Civil Engineers.

Howard W. Engle Jr., BSCE; Preston, Maryland; President's List (1); Dean's List (3); American Society of Civil Engineers; Student Council; Sigma Phi Delta, Chaplain.

Fourth Row:

Mohammad Hefez Erfani, BSCE; Tehran, Iran; President's List (1); Iranian Student Association; Varsity Soccer Team; Varsity Volleyball Team.

Aquiles Felizola, BSMath; Caracas, Venezuela.

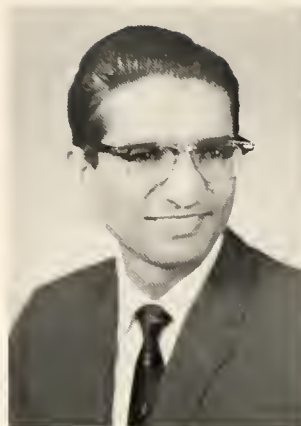
fall

seniors

First Row:

Jitendra Gaglani, BChE; Bombay, India; Chemical Engineering Society; India Association, Treasurer.

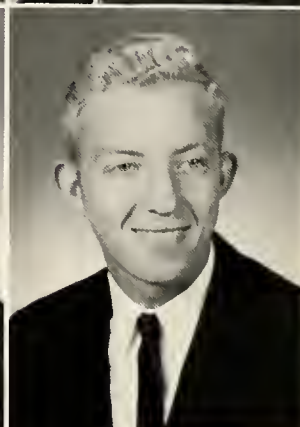
Richard W. Goodman, BCE; Rising Sun, Maryland; President's List (2); Dean's List (2); Nucleus Staff, Ad Mgr.



Second Row:

John Grasberger, BSME; Erie, Pennsylvania; Flying Club; Varsity Track.

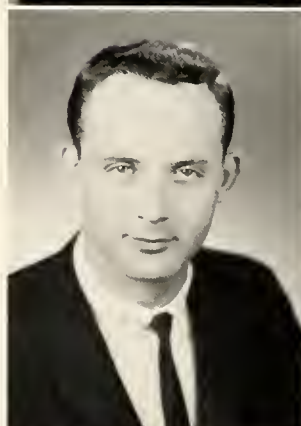
Howard Grayless, BSEE, EI Option; Albion, Indiana; Institute of Electrical and Electronic Engineers; Theta Mu Pi; Varsity Club; Varsity Tennis (3), Most Valuable Player 1963-64; Inramurals.



Third Row:

George P. Gryfakis, BEE; Grand Rapids, Michigan; Dean's List (2); Society of Automotive Engineers.

Eugene Allen Gulliver, BSCE; Albany, New York; American Society of Civil Engineers; Alpha Gamma Upsilon; Varsity Bowling; Bowling Club.



Fourth Row:

David Howard, BEE, EI Option; Fort Wayne, Indiana.

Ronald Jaye, BSAeE; Buffalo, New York; American Institute of Aeronautics and Astronautics; Varsity Fencing Team, Captain of Epee Team.



fall seniors

First Row:

Keith S. Jorgensen, BSCE; Bogota, New Jersey; Dean's List (3); Association of Civil Engineers; Nucleus; Alpha Omega Tau; Bowling Club.

Robert L. Kinsley, BSEI; Hershey, Pennsylvania; Institute of Electrical and Electronic Engineers.

Second Row:

Richard L. Kizer, BSCE; Fort Wayne, Indiana; President's List (2); Association of Civil Engineers; Nucleus.

John Lauterborn, BSEE; Vancouver, Canada; Institute of Electrical and Electronic Engineers.

Third Row:

Charles W. Lepley, BEE (Controls Option); New Berlin, Pennsylvania; Dean's List (1); Institute of Electrical and Electronic Engineers; Student Council; Alpha Omega Tau; Intramurals.

Carlos E. Mayorca, BME; Caracas, Venezuela; Mechanical Club, President; Phi Iota Alpha; Soccer.

Fourth Row:

Peter Minuth, BSChE; Dusseldorf, Germany; Dean's List (1).

Edgar J. Morton, BChE; Toronto, Canada; President's List (1); Chemical Engineering Society, President; Student Council, Vice-President; Editor of the Nucleus; Soccer Team Coach.

fall

seniors

First Row:

Don J. O'Donnell, BSCE, BCE; Paulding, Ohio; Dean's List (1); American Society of Civil Engineers.

Jack C. Penn, BEE, El Option; Creve Coeur, Illinois; President's List (1); Institute of Electrical and Electronic Engineers; Research and Development Lab Technician.



Second Row:

Gene W. Peotter, BS AeE; Sturgeon Bay, Wisconsin; Dean's List (1); American Institute of Aeronautics and Astronautics; Institute of Aeronautical Sciences Speaker Award (2); Aero. Dept. Lab Assistant (5); Glee Club; Intramurals.

Kenneth Perrin, BEE; Defiance, Ohio; Dean's List (2); Institute of Electrical and Electronic Engineers.

Third Row:

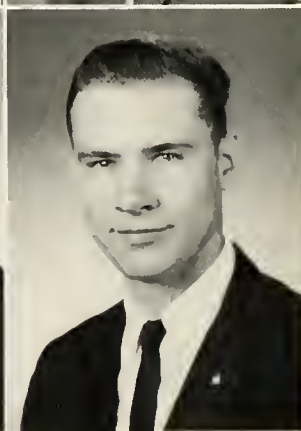
William T. Ploof, BAeE; Corinth, New York.

Syroos Rassadi, BSCE; Tehran, Iran; Iranian Student Club, Secretary.

Fourth Row:

Bradley A. Rayl, BSCE; Anderson, Indiana; President's List (1); American Association of Civil Engineers; Bowling Club.

John Richard Sanders, BSEE; Cincinnati, Ohio; Dean's List (2); Institute of Electrical and Electronic Engineers; Alpha Omega Tau; Glee Club.



fall seniors

First Row:

H. M. Shah, BEE & EI Option; Bombay, India; Institute of Electrical and Electronic Engineers; Nations United.

R. H. Shah, BSChE & BSCHEM.; Bombay, India; President's List (1); Dean's List (2); American Institute of Chemical Engineers; Chemical Engineering Society; India Association.

Second Row:

Abel Shahverdian, BSCE; Tehran, Iran; Dean's List (5); Association of Civil Engineers; Student Council; Junior Class President; Theta Mu Pi, President; Soccer Team.

Raymond E. Sprague, BSEIE; Westfield, Pennsylvania; President's List (2); Dean's List (6); Institute of Electrical and Electronic Engineers.

Third Row:

Ralph Sutherland, BCE; Jamaica, West Indies; Association of Civil Engineers; West Indian Student Association.

Dale L. Tubbs, BSEIE, Math Option; Westfield Pennsylvania; President's List (1); Dean's List (5); Institute of Electrical and Electronic Engineers; Nucleus.

Fourth Row:

John C. Tyner, BSME; Wabash, Indiana; Mechanical Club, Secretary; Intramurals.

John B. Updegraff III, BSEIE; Warren, Pennsylvania; President's List (1); Electronics Club; Alpha Omega Tau; Tennis Team; Intramurals.

fall

seniors

First Row:

James C. Vesey, BSChE, Met. Option; Leavittsburg, Ohio; Chemical Engineering Society; American Society for Metals; American Chemical Society; Alpha Gamma Upsilon, President, Vice-President, Recording Secretary, Corresponding Secretary; Intramurals.

Phillip Vogel, BSME; Fort Wayne, Indiana; Mechanical Engineering Club, Vice-Chairman; Society of Automotive Engineers.



Second Row:

Harry Wayman, BSME; Sarasota, Florida.

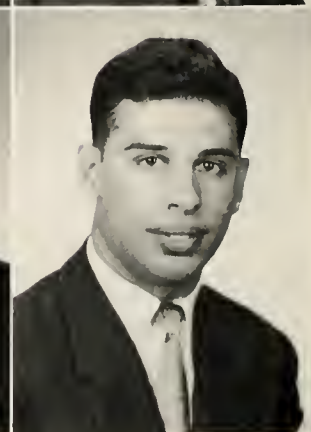
James W. Webster, BSME; Fort Wayne, Indiana; Dean's List (3).



Third Row:

Marcus Whitman, BME; Rushville, New York; Society of Automotive Engineers; Alpha Omega Tau, Treasurer.

George Michael Windsor, BME; Oakville, Ontario Canada; Dean's List (3); Chemical Engineering Society; American Society for Metals; Freshman Class Secretary; Intramurals.



Fourth Row:

Billy E. Young, BSEE, Math Option; Hickory, North Carolina; Student Council; Interfraternity Council; Sigma Phi Delta; Weight Lifting Club; Institute of Electrical and Electronic Engineers; Physical Education Instructor.

Mohamed Zaharna, BSEE; Gaza, Palestine; Arab Student Club, Secretary, Treasurer.



Former Governor of Indiana Henry F. Schricker, center, receives honorary Doctor of Laws degree. At left, assisting in ceremony, is Dr. Ralph W. Young, dean of the faculty, and at right, President Edward C. Thoma, who is shown presenting the formal citation to Schricker.



Rafael A. Zavala-Reyes, BSEIE; Caracas, Venezuela; President's List (1); Dean's List (2); Phi Iota Alpha, President; Intramurals.

Top honor graduate was Rudy Schalow, center, who achieved a perfect 4.0 grade point average and was accorded summa cum laude honors during the mid-year commencement on December 14, 1963. Shown extending congratulations to him

are, left to right, Former Governor of Indiana Henry F. Schricker; James W. Shank, executive engineer of Chrysler Corp.; Donald C. Burnham, president, Westinghouse Electric Corp., and Dr. Edward C. Thoma, Tech president.



fall graduating class



winter seniors

First Row:

John Adair, BSPH, Math Option; Rome City, Indiana; Physics Club; Physics Lab Assistant.

Armando Alizo, BCE; Caracas, Venezuela.

Second Row:

Richard C. Blank, BSEE; Bristol, Connecticut; President's List (3); Institute of Electrical and Electronic Engineers, Vice-Chairman; Senior Class Treasurer; Junior Class Secretary; Student Council; Sigma Phi Epsilon; Board of Governors.

Joseph Caparrotti, BCE; Dobbs Ferry, New York; Association of Civil Engineers; Theta Mu Pi, Vice-President; Intramurals.

Third Row:

Gerald C. Charbeneau, BSEE; Mt. Clemens, Michigan; Dean's List (3); Institute of Electrical and Electronic Engineers; Board of Governors, Chairman; Dorm Counselor; Intramurals.

Ralph E. Christman, BSEE; Quaker City, Ohio; Institute of Electrical and Electronic Engineers; Caswell Engineering Drawing Award; Theta Mu Pi, Treasurer, Chaplain.

Fourth Row:

Benedict N. Daniels, BCE; Lusby, Maryland; Dean's List (2); Association of Civil Engineers; Varsity Baseball Team.

Raymond E. Denault, BSEE; Claremont, New Hampshire; Newman Club, President, Treasurer; Sigma Phi Epsilon, Chaplain; Inter-Fraternity Council; Varsity Soccer Team; Intramurals.

winter

seniors

First Row:

Peter File, BSEE; Levittown, New York; Nucleus Staff; Alpha Omega Tau, Historian; Kekiongan Amateur Radio Club; Assistant Engineering Graphics Instructor; Intramurals.

Chimanlal Gandhi, BChE; Bombay, India; Dean's List (2); Chemical Engineering Society; India Association, Treasurer; Nations United Club.

Second Row:

Niranjan Gandhi, BME; Bombay, India; Mechanical Engineering Club; India Association; Nations United Club.

Donald L. Gecks, BSEE, El Option; Cincinnati, Ohio; President's List (5); Dean's List (3); Iota Tau Kappa; Institute of Electrical and Electronic Engineers, President, Vice-President; Computer Lab Assistant; Research and Development Lab.

Third Row:

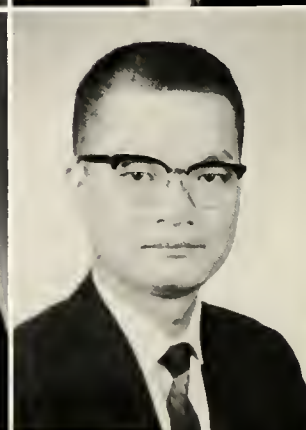
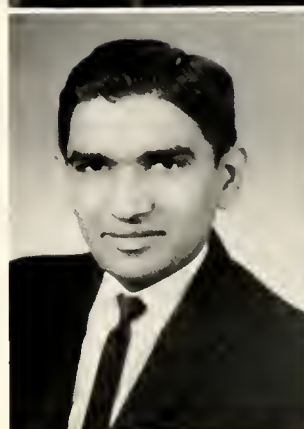
Walter German, BME; Lima, Peru; Mechanical Engineering Club; Society of Automotive Engineers; Phi Iota Alpha; International Club, Vice-Chairman; Varsity Soccer Team.

Vincent C. Jing, BEE; Toronto, Ontario, Canada.

Fourth Row:

Maloy I. Jones, BEE; Elk Park, North Carolina; Dean's List (6); Institute of Electrical and Electronic Engineers; Inter-Varsity Club, President.

James E. Kane, BSME; Somer Point, New Jersey; Mechanical Engineering Club; Society of Automotive Engineers; Dean's List (3); Sigma Phi Epsilon, Vice-President; Dorm Counselor.



winter seniors

First Row:

Gerhard Kennepohl, BSChem; Roblin, Ontario, Canada; President's List (1); Dean's List (2); American Chemical Society; Newman Club; Glee Club.

Vinay Khanna, BME; New Delhi, India; Mechanical Engineering Club; Theta Xi.

Second Row:

Charles L. Kitchen, BSEE, Math Option; Dawson, Illinois; President's List (9); Dean's List (1); Iota Tau Kappa Award; Alpha Gamma Upsilon Scholastic Award; Iota Tau Kappa, Vice-President; Prep Physics Instructor.

Ilko K. Kowalenko, BSME; Whitestone, New York; President's List (1); Society of Automotive Engineers; Alpha Omega Tau; Varsity Soccer Team.

Third Row:

Ram Lala, BChE; Sinnar, India; Chemical Engineering Society; India Association, Treasurer; International Club; Nations United Club.

Bumjung Lee, BSCE; Seoul, Korea; President's List (1); Dean's List (1).

Fourth Row:

Roger Lehman, BSEIE; Fort Wayne, Indiana; Dean's List (1); Institute of Electrical and Electronic Engineers; Alpha Omega Tau, Secretary.

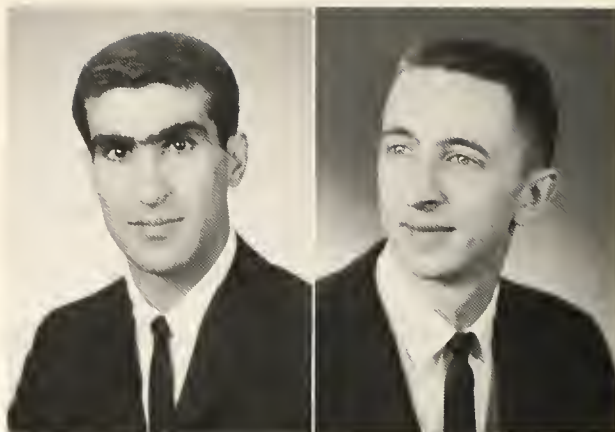
David W. Lyn, BEE; Mandeville, Jamaica, West Indies; Dean's List (1); Newman Club; Nations United Club.

winter seniors

First Row:

Siavash Masoudi, BSCE; Teheran, Iran; Dean's List (2).

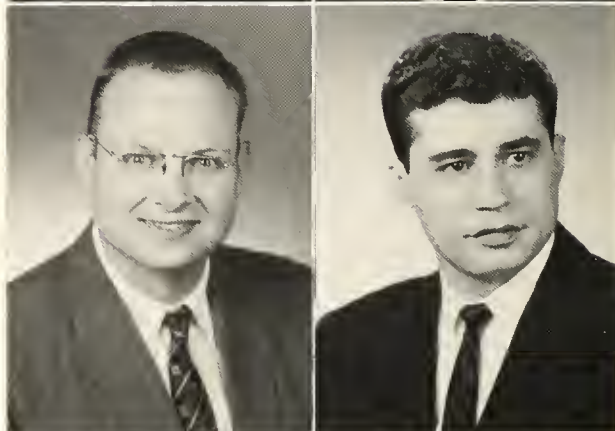
W. Ronald Mercer, BSME; Fort Wayne, Indiana, Dean's List (1); Society of Automotive Engineers, Treasurer.



Second Row:

Charles J. Myers Jr., BSEE; Bluffton, Indiana; President's List (11); Iota Tau Kappa; Alpha Gamma Upsilon Award; Pulliam Scholarship; Electrical Engineer Lab Assistant (1); Institute of Electrical and Electronic Engineers.

Sami Naami, BSCE; Baghdad, Iraq; Arab Club.



Third Row:

Francis J. Novack, BSEE; West Mifflin, Pennsylvania.

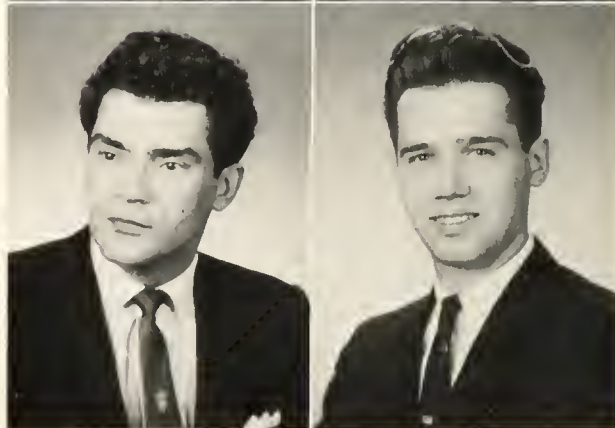
Edward J. Ondak, BSEE; Canton, Ohio; Alpha Gamma Upsilon; Bowling Team; Weight Lifting Club; Dean's List (2).



Fourth Row:

Angel Padilla, BSEE, Math Option; Fort Wayne, Indiana; Institute of Electrical and Electronic Engineers; Theta Mu Pi; Inter-Fraternity Council; Dean's List (2).

Rudy D. Schalow, BSEE, Math Option; Flushing, New York; President's List (13); Iota Tau Kappa, President; Iota Tau Kappa Outstanding Student Award; Coolidge Award in Physics; Pulliam Engineering Scholarship Award; Alpha Gamma Upsilon Scholastic Award; Engineering Graphics Lab Assistant; Student Instructor of Physics and Advanced Algebra; American Institute of Electrical Engineers, Secretary; Theta Mu Pi, President; Sophomore Class President; Weight Lifting Club; Intramurals.



winter seniors

First Row:

Richard A. Segletes, BSME; Philadelphia, Pennsylvania; Mechanical Engineering Club, Vice-Chairman, Secretary, Treasurer; Society of Automotive Engineers; Dean's List (2); Student Instructor, Engineering Graphics Department.

Madhusudan Shah, BSChE; Amalner, India; Varsity Tennis Team.

Second Row:

Satish Shah, BChE; Bombay, India; Chemical Engineering Society; India Association; Dean's List (2).

Ralph A. Spencer, BChE; Fort Wayne, Indiana; Dean's List (3); Chemical Engineering Society; Phi Kappa Theta, Secretary; Varsity Basketball Team.

Third Row:

Vijay J. Thakker, BSME; Bombay, India; American Society of Mechanical Engineers; Society of Automotive Engineers; India Association; International Club.

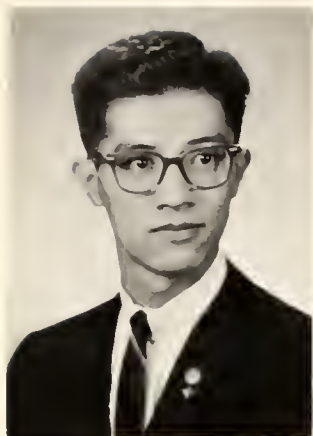
George V. Theodore, BEE; Corinthia, Greece; Institute of Electrical and Electronic Engineers; Theta Mu Pi; President's List (2); Dean's List (1); Varsity Soccer Team.

Fourth Row:

Rudolf Weber, BSChE; Sulzbach Rosenberg, Germany; Chemical Engineering Society; American Society of Metals.

Frank R. Whittington, BME; Fort Wayne, Indiana; Mechanical Engineering Club; Nucleus Editor; Dean's List (1).





John K.C. Woo, BEE; Brooklyn, New York; Institute of Electrical and Electronic Engineers; Chinese Student Association, Secretary; Glee Club; Varsity Fencing Team, Co-Captain; Intramurals; Physics Lab Assistant.

winter graduating class



spring seniors

First Row:

Warren E. Barnes, BSEE; Fort Wayne, Indiana; Dean's List (7); Student Council.

Mahlon L. Bartlett, BSCE; Fort Wayne, Indiana; American Society of Civil Engineers.

Second Row:

Herbert A. Behrman, BSCE; Deshler, Ohio; Dean's List (2); American Society of Civil Engineers.

John L. Bissinger, BEE; West Union, Ohio; Dean's List (3); Institute of Electrical and Electronic Engineers.

Third Row:

Ted L. Blaney, BSChE; Mansfield, Ohio; Iota Tau Kappa, President's List (5), Dean's List (4), Kekionga Feather, Maharajah Award; Chemistry Lab Assistant; Sigma Phi Epsilon; Student Council; Interfraternity Council; Nucleus; Glee Club; Intramurals.

David E. Bowser, BSEE; Moscow, Pennsylvania; President's List (2). Dean's List (7); Institute of Electrical and Electronic Engineering; Sigma Phi Delta; Student Council; Interfraternity Council; Intramurals.

Fourth Row:

William Bremner, BS-Physics, BS-Math. Ashtabula, Ohio; President's List (5); Dean's List (4); Physics Club; Judo Club; Math. Instructor, Physics Lab Assistant.

David W. Cassell, BSME; Columbus, Ohio; Dean's List (5); Student Christian Fellowship.



spring seniors

First Row:

Donald M. Cathcart, BSME; Olanta, Pennsylvania; Kekionga Feather; Mechanical Engineering Club; Tau Kappa Epsilon; Flying Club; Weight Lifting Club; Student Senate; Senior Class President; Intramurals.

Louis J. Cooke, BEE; Pensacola, Florida; Institute of Electrical and Electronic Engineers; Newman Club; Kappa Alpha Psi.



Second Row:

John R. Cromie, BME; Fort Wayne, Indiana; Dean's List (2); Alpha Omega Tau.

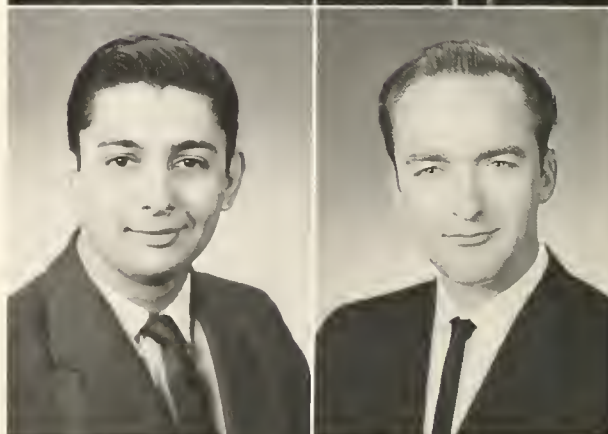
Thomas Daugherty, BSEE; Math. Option; Fort Wayne, Indiana; Dean's List (2); President's List (8); Institute of Electrical and Electronic Engineers; Iota Tau Kappa; Lab Assistant; Intramurals.



Third Row:

Sohrab H. Devitre, BChE; Bombay, India; Dean's List (1); History Student Assistant; India Students Association; Chemical Engineering Society; Nations United Club.

Jerry E. Drall, BSEE; Milwaukee, Wisconsin; Dean's List (6); Freshman Class President; Sophomore Class Secretary; Student Council; Tech Manor Club; Theta Mu Pi.



Fourth Row:

Carl E. Eichman, BSME; Springfield, Ohio; Dean's List (5); Society of Automotive Engineers.

William Eng, BSEE; Englewood, New Jersey; Physics Student Instructor.



spring seniors

First Row:

John F. Famulare, BSEE; Fly Creek, New York; Newman Club; Intramurals; Varsity Track.

Floyd E. Foust, BSME; Scott, Ohio; Mechanical Engineering Club; Sigma Phi Delta; Student Senate.

Second Row:

Randolf L. Germann, BSCE; Wauseon, Ohio; President's List (1); Dean's List (4); American Society of Civil Engineers.

Richard W. Goodman, BSCE; Rising Sun, Maryland; President's List (3); Dean's List (3); American Society of Civil Engineers; Nucleus.

Third Row:

Kenneth L. Hoffman, BME; Monroeville, Indiana; President's List (3); Dean's List (3); Mechanical Engineering Club; Glee Club; Epsilon Phi.

Theodore L. Jay, BSCh; Garrett, Indiana; Dean's List (2); American Chemical Society; Chemistry Lab Assistant; Intramurals.

Fourth Row:

Bruce R. Jones, BSME; Bangor, Pennsylvania; Dean's List (5); Mechanical Club; Sigma Phi Epsilon; Student Council; Varsity Track; Society of Automotive Engineers; Intramurals.

John Karlyk, BSME; Boonton, New Jersey; Mechanical Engineering Club; Society of Automotive Engineers; Institute of Electrical and Electronic Engineers; Varsity Track; Newman Club; Intramurals.

spring seniors

First Row:

David L. King, BSChE; Montpelier, Indiana; Chemical Engineering Society; Theta Xi, Corresponding Secretary; Intramurals.

Edward W. Koos, BSCh; Fort Wayne, Indiana; Dean's List (3); American Chemical Society; Chemistry Lab Assistant.



Second Row:

Richard J. Kroll, BSAeE; Richfield Springs, New York; American Institute of Aeronautics and Astronautics, Treasurer.

Lawrence R. Lambert, BSCE; American Society of Civil Engineers, Recording Secretary.



Third Row:

Charles J. Landers, BSEIE; Fort Wayne, Indiana; Dean's List (6); Institute of Electrical and Electronic Engineers; Student Council; Freshman Class Secretary.

Allan Lee, BSAeE; Hong Kong, China.



Fourth Row:

Richard E. LeGrand, BSCE; Portsmouth, Ohio; Dean's List (4); Association of Civil Engineers, Secretary; Inter-Fraternity Council; Theta Mu Pi, Corresponding Secretary.

Charles F. Lehman, BSEE; Iota Tau Kappa, Secretary-Treasurer; President's List (6); Dean's List (6); Caswell Award; Institute of Electrical and Electronic Engineers; Newman Club, President, Vice-President, Treasurer; Research and Development Lab.



spring spring

First Row:

Edward M. Loescher, BSChE; Cleveland, Ohio; Dean's List (3); Chemistry Lab Assistant; Chemical Engineering Society; Phi Kappa Theta, President; Interfraternity Council; Newman Club; Intramurals.

Donald J. Lomont, BSME, Math Option; New Haven, Indiana; President's List (4); Dean's List (6); Iota Tau Kappa; Caswell Drawing Award; Sigma Phi Epsilon Award; Engineering Graphics Lab Assistant; Mechanical Engineering Club; Sigma Phi Epsilon; Student Senate, President; Sophomore Class, President; Senior Class, Vice-President.

Second Row:

Carl L. Lundvall, BSME; Lewistown, Pennsylvania; President's List (2); Dean's List (7); Mechanical Engineering Assistant; Society of Automotive Engineers; Tau Kappa Epsilon, Treasurer; Intramurals.

Robert W. McGirr, BSPhysics; Brighton, Massachusetts; President's List (3); Dean's List (7); Physics Lab Assistant, Physics Student Instructor; Physics Club; Nucleus Staff; Alpha Omega Tau, President.

Third Row:

Shrenik Mehta, BSChE; Bombay, India; Dean's List; Chemical Engineering Society; India Association; Nations United.

Richard A. Morris, BSEE; Woodburn, Indiana; Nucleus Staff, Associate Editor.

Fourth Row:

Henry Nitta, BEE; Sacramento, California; Institute of Electrical and Electronic Engineers; Hawaiian Club, President.

Dilipumar Parikh, BSChE; Godhra, India; Dean's List (1); Chemical Engineering Society; India Association.

spring seniors

First Row:

William L. Porter, BSME; Marion, Indiana; Student Council, Secretary; Inter-Fraternity Council; Tau Kappa Epsilon, Treasurer.

Harold Eugene Bebert, BSME; McKnightstown, Pennsylvania; Dean's List (1); Society of Automotive Engineers; Phi Kappa Theta, Vice-President; Newman Club.

Second Row:

Leon Wendell Reynolds, BSChem; Willshire, Ohio; President's List (1); Dean's List (3); American Chemical Society; Chemistry Lab Assistant; Intramurals.

John Schreiber, BSEE; Fort Wayne, Indiana; President's List (1); Dean's List (1); Institute of Electrical and Electronic Engineers; Senior Class Treasurer; Junior Class President; Student Council; Tau Kappa Epsilon, Secretary; Inter-Fraternity Council; Intramurals.

Third Row:

Ronald L. Sheffer, BSME; Dover, Pennsylvania; Dean's List (1); Mechanical Engineering Club; Theta Mu Pi, Secretary, Corresponding Secretary, Chaplain; Intramurals.

William T. Shepherd Jr., BS AeE; North Arlington, New Jersey; Dean's List (1); American Institute of Aeronautics and Astronautics; Nucleus Staff; Tau Kappa Epsilon, President, Corresponding Secretary; Inter-Fraternity Council; Flying Club; Glee Club; Intramurals.

Fourth Row:

Victor A. Smith, BSEE; Belvidere, New Jersey; Dean's List (1); Institute of Electrical and Electronic Engineers; Student Council; Sigma Phi Epsilon, President, Treasurer; Inter-Fraternity Council; Board of Governors; Intramurals.

Russel Steel, BSEE; President's List (1); Dean's List (6); Institute of Electrical and Electronic Engineers; Student Council, President; Sigma Phi Epsilon; Inter-Fraternity Council; Newman Club.



spring seniors

First Row:

Woodrow C. Stillwagon, BSME, BSCE; Mt. Vernon, Ohio; Dean's List (1), Wall Street Journal Award, Kekionga Feather; Society of Automotive Engineers, Secretary; American Society of Mechanical Engineers; American Society of Civil Engineers, Vice-President; Student Council; Varsity Soccer, Golf, Baseball.

Adam M. Takamoto, BEE, Math Option; Waipahu, Hawaii.

Second Row:

Layne F. Tekulve, BAeE; Lawrenceburg, Indiana; American Institute of Aeronautics and Astronautics, Treasurer, Secretary; Flying Club; Weight-Lifting Club.

Walter A. Trumbull, BSChE; Fort Wayne, Indiana.

Third Row:

Neville F. Vatcha, BChE; Bombay, India; India Association, Secretary; Nations United, President.

Marcus Whitman, BSME; Rushville, New York; Dean's List (4); Society of Automotive Engineers; Mechanical Engineering Club, Secretary; Alpha Omega Tau, Vice-President.

Fourth Row:

James E. Wilde, BEE; Attleboro, Massachusetts; Dean's List (1); Alpha Omega Tau.

Raymond E. Wisniewski, BSEE (Electronics Option); Lakewood, Ohio; President's List (3), Dean's List (8); Institute of Electrical and Electronic Engineers; Newman Club; Bowling Team, Captain; National Intercollegiate Bowling Association.

spring seniors

First Row:

Bruce Worster, BSEE & EI; Fort Wayne, Indiana; Dean's List (1); Institute of Electrical and Electronic Engineers.

Jirair Y. Yessayan, BSME; Fort Wayne, Indiana; President's List (1), Dean's List (3); Mechanical Engineering Club, Secretary.



Second Row:

Dick Young, BSEE; Albion, Indiana; Institute of Electrical and Electronic Engineers.

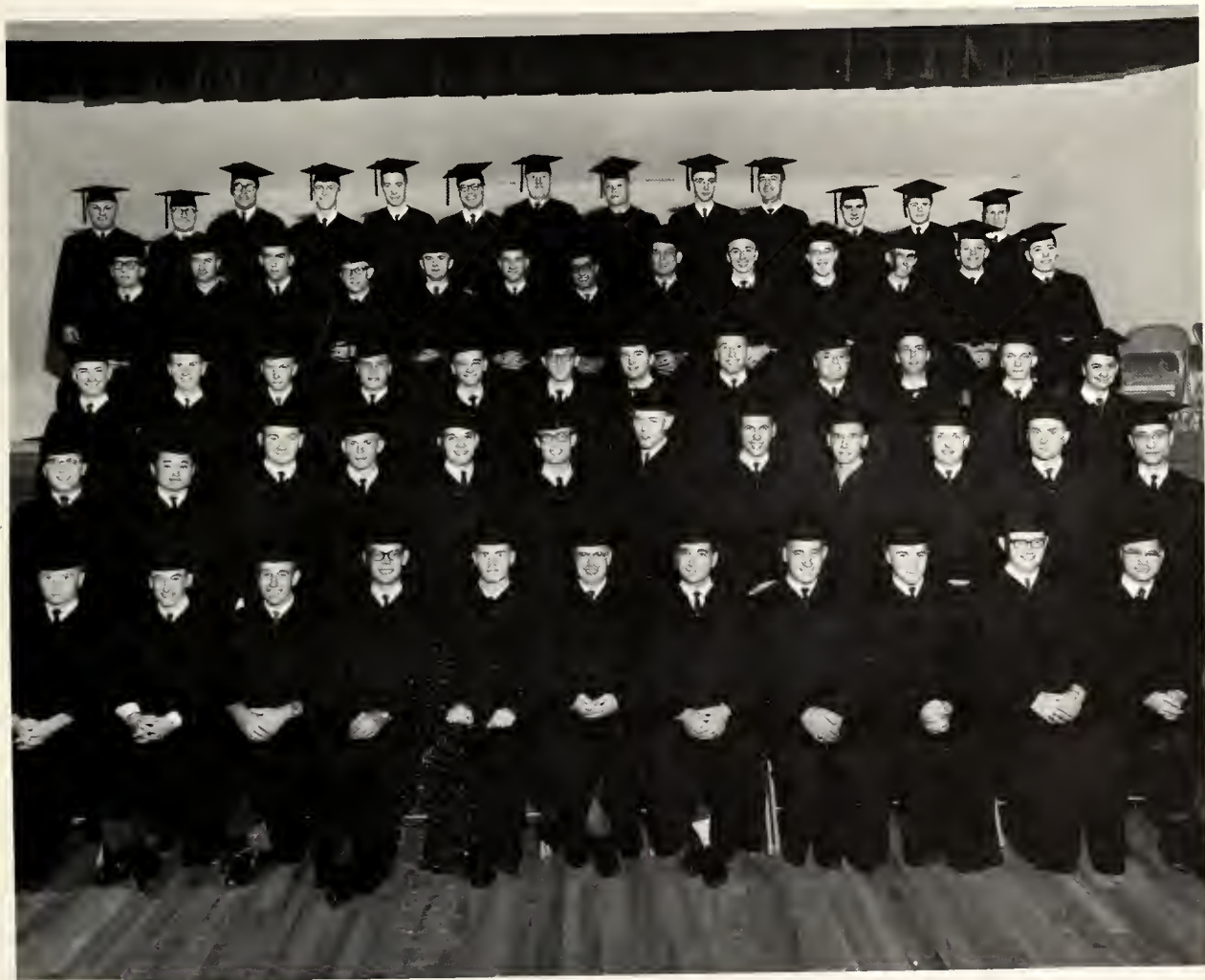
Richard Zdyb, BSME; Utica, New York; Mechanical Engineering Club.

Third Row:

John F. Zink, BSEE & EI; Belvidere, New Jersey; Tech Manor Club Award; Institute of Electrical and Electronic Engineers; Sigma Phi Delta.



spring graduating class



summer seniors

First Row:

Abdou Abou-Antoune, BSEE; Taalabaya, Lebanon; Iota Tau Kappa; President's List (4); Dean's List (4); Institute of Electrical and Electronic Engineers; International Club, Chairman, Treasurer; Nations United Club.

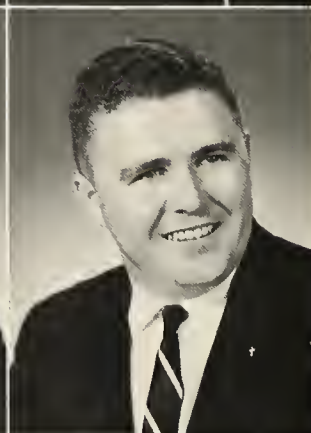
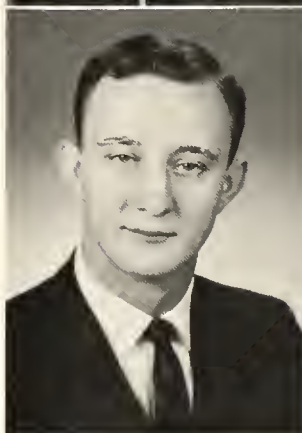
Harry Angelacopoulos, BSCE; Athens, Greece; American Society of Civil Engineers.



Second Row:

Wesley A. Arford, BSME; Clearfield, Pennsylvania; Mechanical Engineering Club; Tau Kappa Epsilon; Intercollegiate Wrestling; Intramurals.

Keith D. Austin, BSEE; Smethport, Pennsylvania; Institute of Electrical and Electronic Engineers; Student Council; Alpha Omega Tau; Intramurals.



Third Row:

Richard Bussen, BSEE; New Paris, Ohio; Institute of Electrical and Electronic Engineers.

Larry L. Cherry, BS AeE; Findlay, Ohio; American Institute of Aeronautics and Astronautics, Secretary; Student Senate; Inter-Fraternity Council, Treasurer; Sigma Phi Delta; Flying Club; Weightlifting Club, Treasurer; Intramurals.



Fourth Row:

John Chin, BSME; New York, New York; Dean's List (1); Student Council; Board of Governors; Sigma Pi, Treasurer; Chinese Club; Weightlifting Club; Varsity Volleyball; Engineering Graphics Instructor; Weightlifting Instructor; Intramurals.



summer seniors

First Row:

Dennis W. Chirikos, BSME; Chicago, Illinois.

James N. Claffee Jr., BSME, Math Option; Lenoir, North Carolina; Iota Tau Kappa, President, Vice-President; Iota Tau Kappa Outstanding Freshman Award; Alpha Gamma Upsilon Scholarship Award; Charles L. Zoltani Gold Medal; President's List (11); Society of Automotive Engineers, Treasurer; Engineering Graphics Assistant; Mechanical Engineering Assistant.

Second Row:

E. R. Congleton, BSChE; Midland, Michigan; Iota Tau Kappa; Chemical Engineering Society; Judo Club; Intramurals.

Alexander B. Davidson, BSME, Math Option; St. Catharines Canada; Iota Tau Kappa, Secretary-Treasurer; Caswell Award; President's List (10); Dean's List (2).

Third Row:

C. K. Dhotre, BSEE; Bombay India; Dean's List (1); India Association, President; International Club; Nations United Club.

C. David Dow, BEIE; Monessen, Pennsylvania; Institute of Electrical and Electronic Engineers; Math Club; Alpha Omega Tau, President, Vice-President, Secretary; Nucleus Reporter.

Fourth Row:

Russell C. Dunlap, BS AeE; Akron, New York; President's List (1); American Institute of Aeronautics and Astronautics; Weightlifting Club.

Bruce F. Eakle, BS AeE; Clay, West Virginia; Dean's List (3).

summer seniors

First Row:

Richard W. Ernsting, BSEE and EI Option; Fort Wayne, Indiana; Dean's List (1); Nucleus; Institute of Electrical and Electronic Engineers.

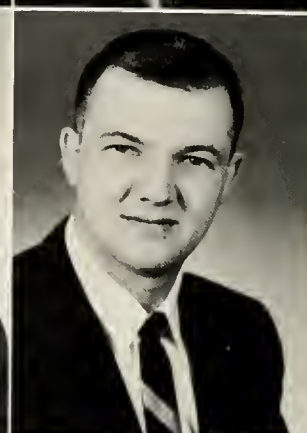
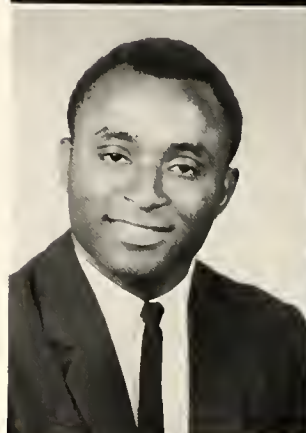
Gerald S. Essenmacher, BSEE; Harbor Beach, Michigan; Dean's List (1); Institute of Electrical and Electronic Engineers; Phi Kappa Theta, Treasurer; Newman Club.



Second Row:

Donald F. Forbes, BCE; Kingston, Jamaica; American Society of Civil Engineers; Newman Club; West Indian Student Association; Soccer Team.

Hugh B. Fowler, BSMATH; Fort Wayne, Indiana; Dean's List (5).



Third Row:

Jayant Gala, BEChE; Bombay, India.

Charles R. Gallion, BEE; Fort Wayne, Indiana; Alpha Omega Tau, Secretary.



Fourth Row:

Gary J. Goodstal, BSEE; Monroeton, Pennsylvania; Dean's List (5); Institute of Electrical and Electronic Engineers.

Carl W. Goodwin, BSME; Pine City, New York; Baseball Team.



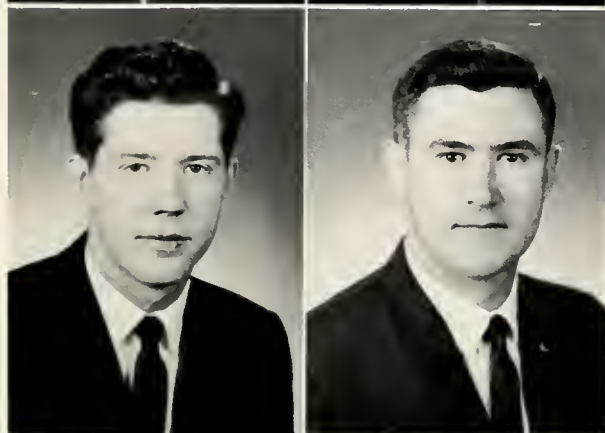
summer seniors



First Row:

Harish J. Ganatra, BME; Bombay, India; Dean's List (1); India Association; International Club.

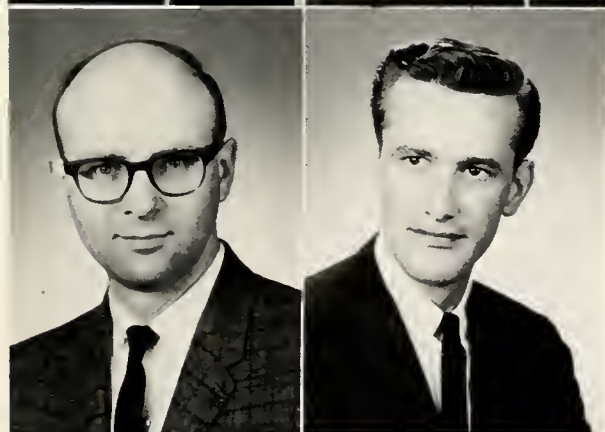
Gregory L. Harp, BSME; Mechanical Engineering Club; Alpha Omega Tau, President; Bowling Club.



Second Row:

Donald Hitzeman, BSEE; New Haven, Indiana; Institute of Electrical and Electronic Engineers.

Bob D. Hobbs, BSEE; Cunningham, Kentucky; Iota Tau Kappa; President's List (4); Dean's List (2); Institute of Electrical and Electronic Engineers.



Third Row:

Robert E. Kenyon, BSEE, EI Option; Canton, Ohio; Institute of Electrical and Electronic Engineers.

Kenneth Lee King, BSCE; Greenville, South Carolina; Dean's List (3); American Society of Civil Engineers, President; Intramurals.



Fourth Row:

Roger R. Koons, BSChE; St. Marys, Ohio; Iota Tau Kappa; Alpha Gamma Upsilon Scholastic Award; President's List (6); Dean's List (2); Chemical Engineering Society; Glee Club; Intramurals.

Edwin Kurcz, BSEE, EI Option; Chicago, Illinois; Institute of Electrical and Electronic Engineers Treasurer; Newman Club.

summer seniors

First Row:

John M. Kviring, BSME; Welland, Ontario, Canada; President's List (1), Dean's List (10); Caswell Engineering Drawing Awards; Tech Manor Club, Governor; Intramurals.

David Leong, BChE; New York City, New York; American Institute of Chemical Engineers; American Society for Metals; Chinese Student Society.



Second Row:

Alexis Machado, BEE; Maracay, Aragua, Venezuela; Weight Lifting Instructor; Latin-American Association.

Manuel Medina, BEE; Guayaquil, Ecuador; Association of Latin-American Students, Secretary; Soccer Team.



Third Row:

Roger H. Montgomery, BS Met. Eng.; Utica, New York.

Paul F. Schreiber, BSME; New Haven, Indiana; Mechanical Engineering Club.



Fourth Row:

Lowell Kent Sherman, BSEE; Electronics Option; Columbia City, Indiana; President's List (1), Dean's List (4); Institute of Electrical and Electronics Engineering; Varsity Baseball; Intramurals.

Harvinder Singh, BEE; Punjab, India; Dean's List (1).



summer seniors

First Row:

George Gary Smith, BSEE, Math Option; Carman, Manitoba, Canada; Dean's List (4); Institute of Electrical and Electronic Engineers; Board of Governors; Physics Lab Assistant; Intramurals.

Arthur D. Szabo, BSEE, EI Option; Parma, Ohio; Dean's List (1); Institute of Electrical and Electronic Engineers; Alpha Omega Tau.

Second Row:

Norman H. Tarr, BEE; Orleans, Indiana; Institute of Electrical and Electronic Engineers.

Carlo Velatini, BSEE; Kankakee, Illinois; Institute of Electrical and Electronic Engineers; Nucleus Staff, News Editor, Associate Editor; Newman Club; Weightlifting Club.

Third Row:

William W. Walton, BSEE; Millerstown, Pennsylvania; Dean's List (1).

Gerald W. White, BEI; Williamston, North Carolina; Dean's List (1); Student Council; Inter-Fraternity Council; Sigma Phi Delta; Weightlifting Club; Weightlifting Instructor.

Fourth Row:

Jerry Wolfe, BSMetE; Albion, Indiana; American Society for Metals; Student Senate.

Steven T. Zakrzewski, BSME; President's List (2); Dean's List (4); Mechanical Engineering Club, Chairman, Vice-Chairman.

summer graduating class



**who's who
in the
senior class**



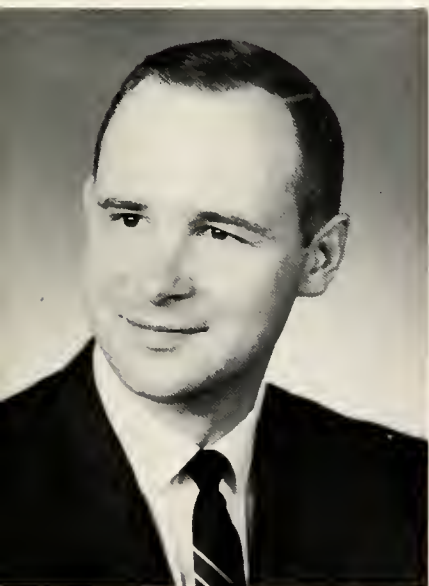
Ted Blaney; Maharajh Award; Kekionga Feather Award.



Doyle H. Baum; Iota Tau Kappa Award; Archie T. Keene Award.



James Claffee; Charles L. Zoltani Award.



Donald Cathcart; Kekionga Feather Award.



Errol R. Congelton; Iota Tau Kappa Award.

who's who in the senior class



Thomas H. Daugherty; Iota Tau Kappa Award.



Donald L. Gecks; Iota Tau Kappa Award.

Roger Koons; Alpha Gamma Upsilon Award; Iota Tau Kappa Award.

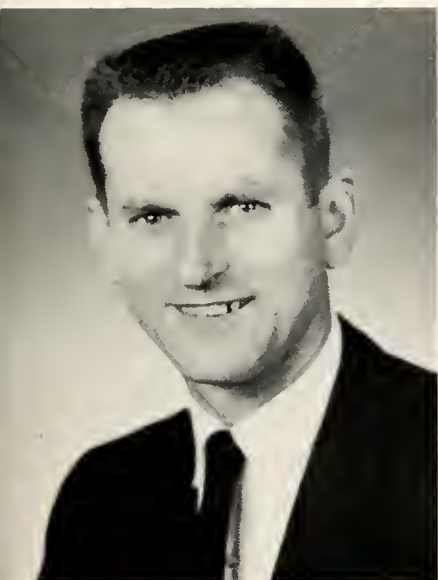


Donald Lomont; Iota Tau Kappa Award; Sigma Phi Epsilon Award.



Bob Hobbs; Iota Tau Kappa Award.

who's who in the senior class

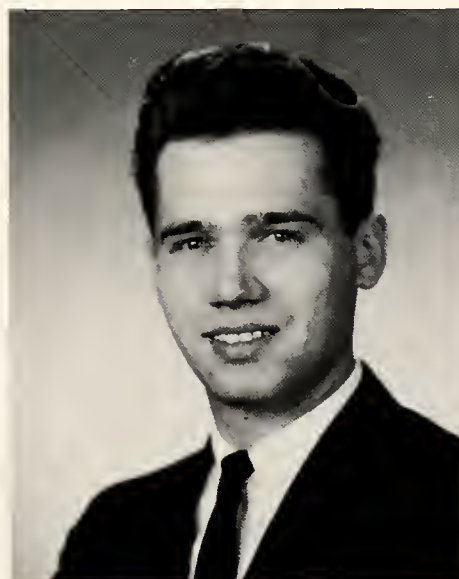


Edgar J. Morton; Editor of the Nucleus.



Charles J. Myers; Iota Tau Kappa Award; Alpha Gamma Epsilon Award; Pulliam Scholarship Award.

Rudolph Schalow; Institute of Electronic and Electrical Engineers Outstanding Student; Iota Tau Kappa Award; Coolidge Award in Physics; Pulliam Scholarship Award; Alpha Gamma Upsilon Award.



Gene W. Peotter; Iota Tau Kappa Award; American Institute of Aeronautics and Astronautics Outstanding Student.

Woodrow Stillwagon; Wall Street Journal Award; Kekionga Feather Award.







athletics





First Row: John Landgraf, Dave Hickman, Jim Wagner, Ray Thompson. Second Row: Coach Bob Macy, Ron Zigler, Mike Giger, Carl Jacquay, Dave Carroll, Ass't. Coach Jerre McManama. Third Row: Ross Cole, Gerald Fletcher, John Gres, John Winebrenner.

basketball

Playing the fast moving brand of basketball that is becoming a tradition at Tech, the Warriors racked-up a 24 and 5 record. The team began the season with seven consecutive victories and averaged 104 points per game.

With aggressive and alert team work, the Warriors captured their second R.I.T. Tourney championship. Ron Zigler was selected the Most Valuable Player of the tournament. Dave Hickman and Ron Zigler were selected for the all-tourney team. Tech played Tri-State before a capacity crowd for the "Bungling Boiler" Trophy. Trailing 50 to 46 at half time, the team lead by Ron Zigler made a comeback and won going away.

Typical of the team's come-from-behind, spirited team efforts was the first Manchester contest. Be-



Tech's Cheering squad.

hind 29 to 8 early in the first half and losing 58 to 38 after the first stanza, Tech came charging back. Led by Dave Carroll and Dave Hickman, Manchester's lead was cut to two points with 20 seconds left in the game. Ron Zigler's equalizing shot was blocked as time ran out.

By defeating Grace on the last game of the regular season, the Warriors become co-champions of the Mid-Central Conference. This year Tech received its first invitation to play in a post season tournament.

On receiving the invitation Coach Macy went swimming in the icy St. Joseph River to make good a promise made at the beginning of the season. The Coach promised the team he would jump in the river if Tech played in a post season tourney.

Tech's opponent in the NAIA playoffs was Manchester. The Warriors fell behind early in the game and were able to get within two points of Manchester at one time. But Manchester pulled out in front again and were not to be denied.

The Honorary Captain, Dave Carroll lead the team in scoring during the season with 23.4 average per game and a school record of 679 points in one season. Ron Zigler's 472 rebounds during the season established a school record.

John Gres was selected the most improved player as he averaged 9.6 points per game and totaled 72 assists.

Ron Zigler was selected as the Most Valuable Player on the team. Dave Carroll and Ron Zigler shared the Bert Means Award.

R.I.T. TOURNEY

IIT	87; Stevens	45
IIT	99; Lawrence Tech	86
IIT	84; Drexel	55

NAIA PLAY OFFS

IIT	77; Manchester	104
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GAME RESULTS

Overall record: 24 wins, 5 losses

MCC record: 7 wins, 1 loss

IIT	96; Malone	79
IIT	122; Spring Arbor	95
IIT	117; Giffin	76
IIT	100; Hillsdale	87
IIT	92; Anderson	77
IIT	118; Southwestern U. of Texas	95
IIT	84; Grace	77
IIT	77; Bluffton	78
IIT	76; Saint Cloud	109
IIT	98; Franklin	97
IIT	93; Marian	89
IIT	120; Huntington	102
IIT	90; Concordia	81
IIT	92; Tri-State	81
IIT	93; Manchester	95
IIT	105; Davenport	83
IIT	105; Taylor	95
IIT	73; Olivet	58
IIT	97; Tri-State	115
IIT	131; Spring Arbor	77
IIT	95; Concordia	88
IIT	127; Northwood	104
IIT	93; Huntington	91
IIT	106; Davenport	70
IIT	89; Grace	82



Fighting for a rebound.



Dribbling Dave.

Tip it in Dave!



Easy lay-up.



One wet coach keeps his word.

Anyones ball.

basketball

Tech and Tri-State battle for rebound.

Warriors Pow-Wow.



Mike tips one in. Ray's hook scores again.

Looks like two more.

Up for grabs.



Please, please miss.

Keep UP the good work.



Techs trophies after the Rochester Invitational Tournament.

junior varsity basketball

The Junior Varsity Basketball Team promises to be a good source of material for Coach Macy's varsity squad. The J.V.'s compiled a 16 wins and one loss record, with the one defeat at Tri-State. The team maintained an average of 85 points per game. Russ Cole lead the team in scoring.



Tech scores on easy lay-up.



First Row: Steve Pittl; Dan Lambert; Dan Helker; Kent Scherman; Don Kiewitt; John Jones. **Second Row:** Tom Minnella; Art Goldstein; Bob Chatlosh; Don Rodda; Ben Daniels. **Third Row:** Bob Waskiewica, Manager; Fred Gaspardo; Ed St. Claire; Jim Wagner; Paul Ciruzzi; Coach McManama.

baseball

The 1964 edition of the Tech baseball team, coached by Jerre McManama and captained by Dan Helker and Dan Lambert, compiled a record of 5 wins and 9 losses. Tech placed fourth in the conference with a conference record of 3 wins, and 5 defeats. Dan Lambert was Tech's most valuable player and was selected on the all-conference team. Lambert was the winning pitcher in all three of Tech's conference victories. Fred Gaspardo was the leading hitter for the Warriors with a batting average of .348.



Looks like a hit.



BASEBALL SCOREBOARD

Tech	8;	Defiance	9
Tech	0;	Ball State	24
Tech	12;	Tri-State	9
Tech	1;	Finlay	5
Tech	2;	Grace	4
Tech	0;	Grace	1
Tech	3;	Huntington	7
Tech	4;	Concordia	7
Tech	3;	Grace	5
Tech	4;	Grace	2
Tech	5;	St. Francis	3
Tech	8;	Concordia	3
Tech	5;	Huntington	21
Tech	4;	Tri-State	3

Final strategy session.





First Row: R. Cole, D. Albert, R. Thomas, M. Warnock, R. Andrews. Second Row: D. Disquay, B. Mathews, C. McKim, R. Nott, L. Bornmann, J. Gres, Coach Kennell.

cross-country

The cross-country team under coach Kennell and led by co-captains Mike Warnock and Dan Albert compiled a record of six wins and three losses. The harriers completed their first season in the Mid-Central Cross-Country Conference and placed first in the conference meet.

Dan Albert was the most valuable player, the other lettermen were Mike Warnock, John Gres, Bob Thomas, Ross Andrews, Bill Mathews and Brian Weldon.

With the return of all the lettermen, the prospects for next year's team are bright.





First Row: Dennis Fawcett, Ron Garuckis, Woody Stillwagon, Al Kruezman. **Second Row:** Ed Gillen, Jack Scoggan, Joe Zacharias, Dean Gaudreau.

golf

Coach Dow's 1964 golf team managed to come home victorious three times in seven matches during the spring term. The team tied Grace for third place in the Mid-Central Conference.

A bigt spot occurred in the season when the Warriors traveled to Purdue University for the Little State Golf Meet. Small Indiana colleges belonging to the National Association of Intercolleigate Athletics competed in the tournament. Tech placed third in the field of thirteen teams. Jack Scoggan led Tech with a score of 156. Jack was the second-lowest medalist in the field.

GOLF SCOREBOARD

Tech	5 1/2	Huntington	9 1/2
Tech	11 1/2	Concordia	3 1/2
Tech	7	Tri-State	8
Tech	8 1/2	Manchester	6 1/2
Tech	5	Tri-State	10
Tech	8	Concordia	7
Tech	4 1/2	Huntington	10 1/2
Little State Golf Meet—NAIA			
3rd place			

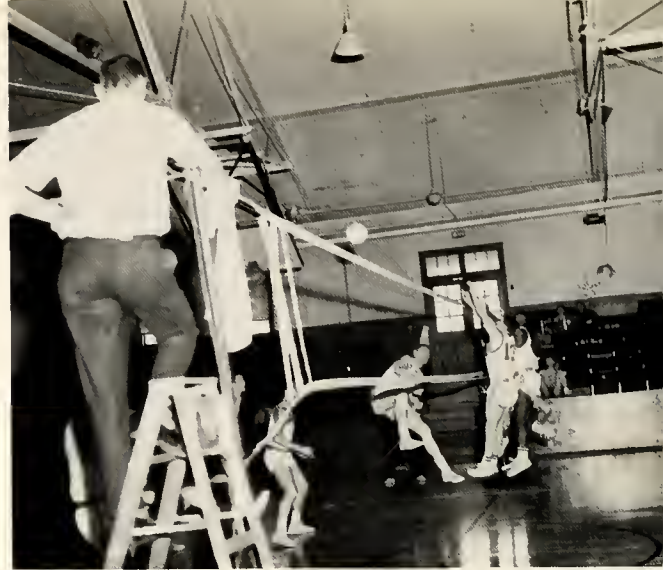


Slamming Woody Stillwagon.

Jack Scoggan was the team's most valuable player and was selected on the MCC all-conference team.

volleyball

Tech's volleyball team completed the season with 45 wins against 34 losses. Other statistics for the season include a third-place tie in the Midwestern Intercollegiate Volleyball Tournament and we won the Mid-Central Volleyball Tournament at Concordia by defeating Concordia, Grace and Huntington. The highlight of the season was Tech's participation in the National Collegiate Volleyball Tournament at the Air Force Academy.



Tech's practice session.



Dave was All-Conference honorable mention.



Bob Christ made All-Conference.



Tech in action.



First Row: R. Kerber, C. Ramirez, D. Arbitrio, T. Tillawi, W. Stillwagon, M. Rose, M. Pena, E. Muz-zulin, V. Rosynsky. Second Row: S. Krose, Manager; S. Pittl, Captain; B. McGowan, P. Hoffman, E. St. Claire, A. Fiorentino, P. Goetze, Coach McManama. Third Row: J. Heasley, J. Nottke, J. Cooper, K. Tay-lor, J. Abu-Hamdeh, J. Weber, F. Sayegh.

soccer

The soccer team, under coach McMa-nama, finished the season with a 3-5 record and averaged 3.5 goals per game. The high point of the season was a 13-to-1 victory over Purdue University; the team also beat Concordia College and Tri-State College.

Sophomore Steve Pittl set a new school record by scoring 21 goals this season.

The only loss through graduation will be Woody Stillwagon, who did an excellent job as goalie. The prospects for next year are good.



Steve shows record-breaking form.



First Row: Thomas Faulkner, George Wagner, Jr., James Sundy. **Second Row:** Melvin Young, Denny Fawcett, Gerald Buss, Prabodh Kothari, Henry Wahl (Coach).

fencing

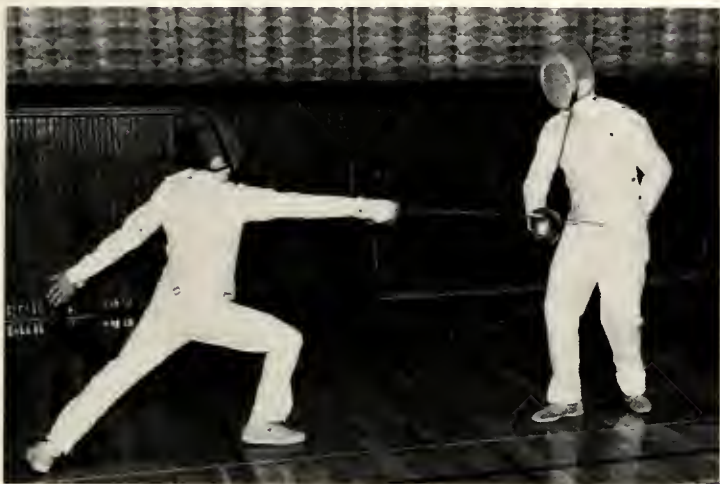
The 1964 Tech fencing team made a fair showing this year. Nelson Straddling (saber) was the outstanding fencer with 13 wins and 2 losses. John Woo (foil) is the only fencer to graduate. John fenced for the Air Force before fencing at Tech. The foil team had a good year with 5 wins and 2 losses. The saber and epee teams both had records of 1 win and 6 losses. At the end of the season three men, Nelson Straddling, Captain of the saber team, George Wagner, Captain of the foil team, and Jim Sunday, foil team, were invited to compete in the National Amateur League Fencing Tournament in Chicago. Coach Henry Wahl is looking forward to a better year next year having secured electronic weapons which are used now in all universities.

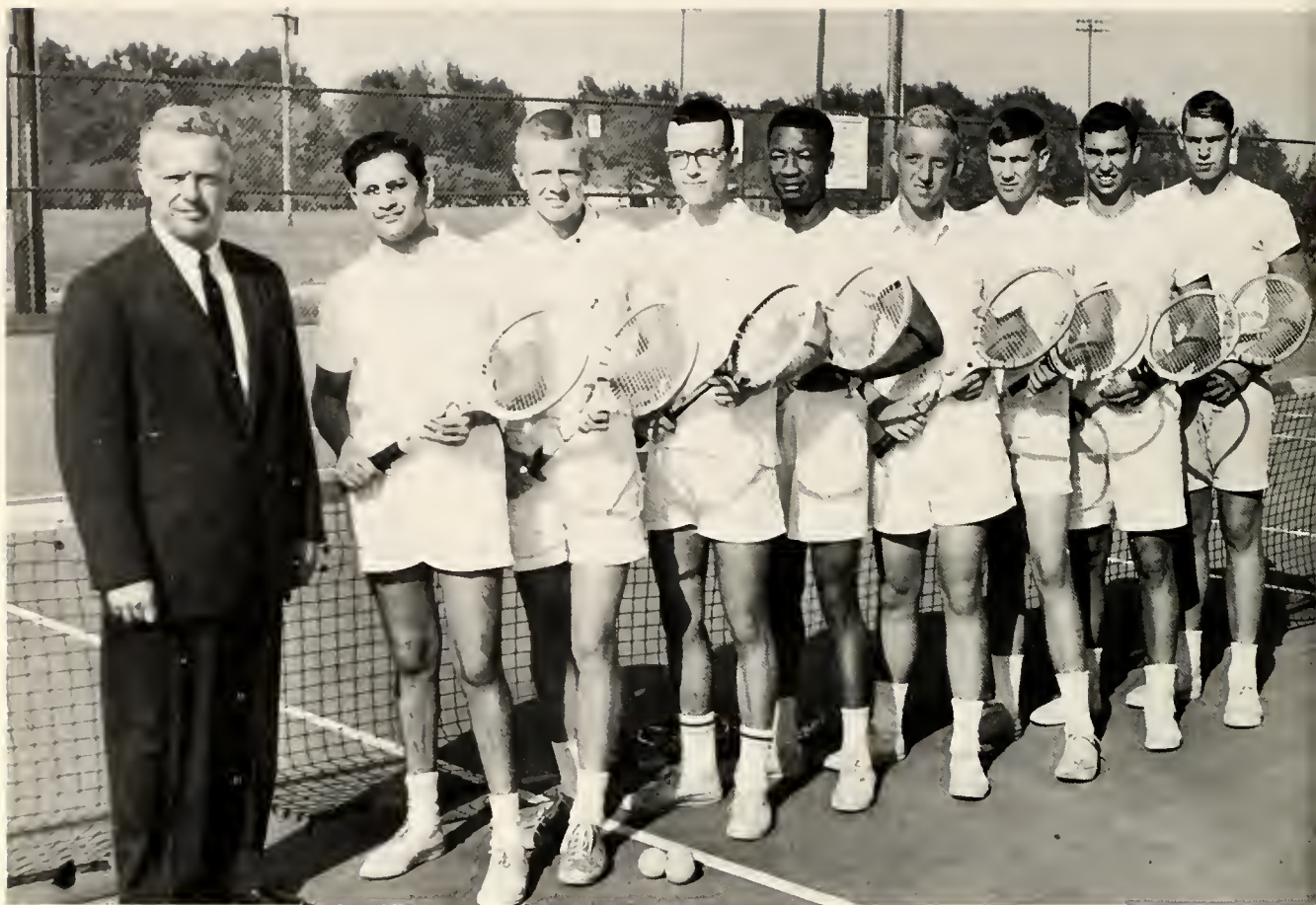


ZORRO strikes again!

FENCING SCOREBOARD

	Foil	Saber	Epee		Foil	Saber	Epee
Tech 6	1	2	Indiana U. . . 3	8	7		
Tech 7	4	1	Chicago U. . . 2	5	8		
Tech 6	4	2	Chicago U. . . 3	5	7		
Tech 3	3	1	Notre Dame . . 6	6	8		
Tech 4	3	0	Iowa State . . 5	6	9		
Tech 9	7	3	Culver Military 0	2	6		
Tech 6	4	2	Detroit U. . . 3	5	7		





Coach Dow, M. Shaw, B. Crissman, C. Dittman, D. Cooper, H. Grayless, D. Crosse, B. Komandt, R. Riehl.

tennis

The tennis team completed a successful year with an 8-2 record and placed second in the Mid-Central Conference. The two defeats were at the hands of the tough Concordia College team. The tennis team was twice victorious over Grace College, Fort Wayne Bible College, Huntington College, and Tri-State College.

The team played some very rough matches and never gave up without a struggle. In one match Drayton Cooper, number two man, fought so well it took his opponent over two hours to stop him. The team played up to the high expectations of Coach Dow.

Senior Howard Grayless was chosen the most valuable player and will be the only letterman lost through graduation. Of the first string, three freshmen and one sophomore will be returning. The success of this season plus the strength of four returning lettermen gives Tech a strong contending team for several seasons.

Cooper slams one back.





DRAYTON COOPER



DON CRISSMAN

HOWARD GRAYLESS



Crissman's backhand.





First Row: Bob Thomas, Harold Huss, Edward Kopala, Gerald Fletcher, Dan Albert, Mike Warnock. **Second Row:** Jim Wagner, Bob Cronan, Don Zenner, Brian Weldon, Ross Andrews, Basil Arend, Dan Lambert. **Third Row:** Ed St. Claire, Richard Nott, Al Fiorentino, Ralph Riehl, Ed Hammeroacher, Ed Murphy, Dick Schultz.

track

During the 1964 varsity track season, two school records were broken and one was tied. Ed Murphy bettered his own high hurdles record by two tenths of a second. The new record is 16.9 seconds. Dan Albert, Dan Huss, Jim Wagner, and Gerald Fletcher broke the half-mile relay record with a time of 1:35.6. Dan Albert tied the two-mile record with a time of 10:41.2.

Tech placed third in the conference meet held at Huntington, a slim 4.8 points behind second-place Grace.

The Warriors lost some very close contests, such as a 65-to-62 loss to Defiance and a 69-to-67 defeat at Grace.

Gerald Fletcher led the team in points scored for the season with a 35.5 total. Dan Lambert and Art Hammon were also high point makers with totals of 32 $\frac{1}{4}$ and 32 respectively.



Neck and neck.



Jumping the hurdles.



Over easy.



Hurry-up teammate.





organizations



First Row: Walter Bohman, Bruce Ryder, Treasurer; William Bremner, President; William Chirolas. **Second Row:** Allen Fenderson, Milton Perlman, Lewis Bornmann, Vice-President.



american institute of physics

The goal of the Physics Club is the advancement and diffusion of knowledge pertaining to the science of physics and its application to human welfare.

The organization has acquired a laboratory for experimental projects. Besides these projects, the organization's goal is reached by trips into industry and noted lecturers in the field of physics.

The objectives of the Arab Student Club are: the promotion of better understanding with the American people, the dissemination of true and adequate information about Arab people, the extension of help and guidance to Arab students at Indiana Institute of Technology, and the securing of scholarships for the benefit of Arab students. Membership in this organization is available to any Arab student and any student interested in the Arab world.

arab student club



First Row: Farouk Saad, Sabah Rayyes, Samir Ali, Jamil M. Abu-Hamdeh. **Second Row:** Jalal A. El-Saleh, Mohammed

Jabbar, Faisal Sayegh. **Third Row:** Hassan Shaaban, Christo Wassouf, Thabet Kheiry.

association of civil engineers

The Association of Civil Engineers of Indiana Institute of Technology is an organization of students and faculty in the civil engineering department.

The purpose of this organization is to attempt to communicate to the student some of the difficulties he will experience in his chosen field. This is accomplished by inviting as guest speakers men from different branches of the civil engineering field.



First Row: Pandolf Germann, President; D. R. Hettinger, Treasurer; W. C. Stillwagon, Vice-President; L. R. Lambert, Recording Secretary; David Browne, Sergeant at Arms. Second

Row: Mahloy Bartlett, Alice Kupper, Iraj Haghazadeh. Third Row: U. R. Sutherland, Kaniel Oberst, Kenneth King, Richard LeGrand.

First Row: Hasmukhlal Shah, Secretary-Treasurer; Shirish Jasani, President; Joseph Concannon, Vice-President. **Second Row:** Mahendra Bhatt, Jayant Gala, Vijay Patel, Sohrab Devitre. **Third Row:** Amrut Patel, Thomas Barbieri, Arvind Patel, Neville Vatcha, Dilip Parikh.



The Chemical Engineering Society is open to any student in Chemical Engineering. Its purpose is to help develop the student in his profession by disseminating knowledge relating to the practice and theory of chemical engineering for him.

**chemical
engineering
society**

First Row: P. Shah, Husain Jamsa, Hasmukhlal Shah, B. Sata, Ratilal Chmeda, Nalin Vaidya, Yogesh Triuedi. **Second Row:** Harrish Ganatra, Niranjan Gandhi, Madhu Shah, Chiman Gandhi, Vijay Patil, Vijay Thakkar, Sohrab Devitre, Prabodh Kothari. **Third Row:** Ravi Bothra, Santosh Tolani, Feroze Irani, Arvind Patel, Amrut Patel, Neville Vatcha, Secretary; Chandrasen Dhotre, President.



india association

The purpose of the organization is to provide better understanding between the Indian students and non-Indian students at Indiana Tech and to extend guidance to new Indian students. Membership is available to any student who is interested in Indian culture.

Our participation in social functions may enhance closer ties between the Indian students and the Americans.

The Indiana Tech Electrical Association is an association devoted to promoting professional growth in students in the field of Electrical and Electronic Engineering. It prepares the student for his profession by field trips into industry and guest speakers from industry in these fields.

The association is an affiliate of the American Institute of Electrical Engineers, and membership is open to any student enrolled in the electrical or electronic departments.

institute of electrical engineers



First Row: Kenneth Perrin, Keith Austin, Richard Gibbs, Chairman; Edwin Kurcz, Treasurer; William Walton, Ronny Maloney. **Second Row:** Ronald Casteel, Melvin Mills, Wilfrid Maillet, Charles Landers, Bob Hobbs, James Taylor, W. J. Williams. **Third Row:** Harold Young, Charles Lehman, Donald Hitzeman, Tom Daugherty, James Feldwisch, Vice-Chairman; Norman Tarr, Dick Young, Bruce Worster, Lawrence Presler.

iranian student organization

The Iranian Student Club is an organization of students from Iran now studying at Indiana Institute of Technology. Its purpose is to promote better understanding between themselves and the American people, and to assist the students in coming in closer contact with one another.



First Row: Mike Barzegar, Secretary; Iraj Hagnazarzadeh, President; Alizadeh Mohsen, Treasurer. **Second Row:** Mohammad Almai, Nosratollah Ashtari, Mahmoud Parvizi, Ali M. Emami.

First Row: Stevan Zakrzewski, Chairman; Richard Segletes, Vice Chairman; Jirair Yessayan, Secretary; Frank Whittington, Treasurer; Floyd Foust. **Second Row:** John Karlyk, Ravichand Bothra, Paul J. Parker, Richard L. Hixson, Robert Baillargeon, Marcus Whitman, Don Cathcart. **Third Row:** Ravi R. Talwar, William L. Sark, William H. Niemeyer, Richard Tomcheski, Kenneth L. Hoffman, Gregory L. Harp.



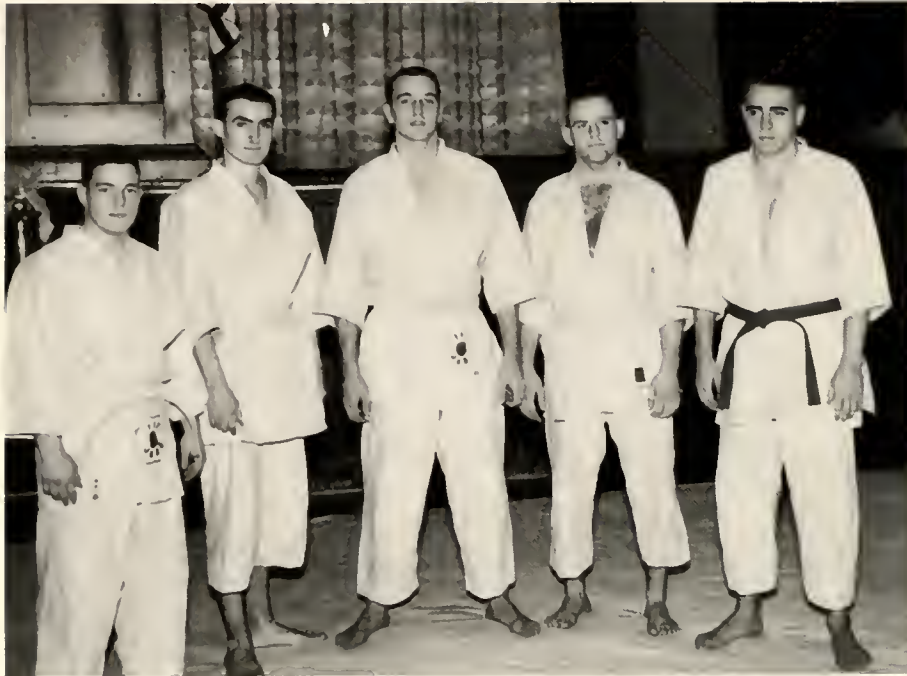
The Mechanical Engineering Club is a local affiliate of the Fort Wayne section of the American Society of Mechanical Engineers.

The objectives of the club are to advance, promote, and teach new phases of mechanical engineering. This is accomplished by programs which include talks by experienced engineers, and field trips to industries in the Tri-State area.

Membership is restricted to students enrolled in the Mechanical Engineering Department.

**mechanical
engineering
club**

judo club



Left to Right: Joseph Costanza, Paul Beck, Earl Hartle, Dion Snyder, Ron Patterson.

The purpose of the Indiana Institute of Technology Judo Club is to promote Kodokan Judo on this campus. The club was founded in the spring of 1962 and was fully accredited by the school in December 1962. The club is a member of the National Collegi-

ate Judo Association and is fully accredited by the Judo Black Belt Federation of America. The club is under the jurisdiction of the Chicago Black Belt Association and all promotions are sanctioned by this association.



Practicing the mat techniques.



Tech judo club shows its good form.



Earl Hartle throws Ron Patterson.



Now its Ron's turn.



Dr. Miyakawa approves the form.



Dan Hartnett, Editor in Chief



Sam Medici, Assistant Editor



Joe Concannon, Assistant Editor

kekiongan

The pages of this year's **KEKIONGAN** have recorded on them many faces, names, facts and events which we hope will remind you of your school, friends, and the happiness you enjoyed here at Tech.

Obtaining a degree meant long and tiresome hours of study but education is more than work. It represents the total sum of your effort both scholastically and socially, which, when combined, makes a well-rounded individual.

We hope that in years to come you can look back on these pages and be proud of your accomplishments and see your dreams and ambitions come true.

It is with pride that we present this yearbook to an outstanding class—The Class of '64."

The **KEKIONGAN** Staff



Mailing the KEKIONGAN to Alumni



K. F. Fung, Photographer



Darrow Fox, Faculty Moderator



The staff relaxing after completing the KEKIONGAN.

First Row: Edward Finnegan, Vice-President; Charles Lehman, President; Richard Smith, Treasurer. **Second Row:** Joseph Costanza, Edwin Kurcz, James Steuck, Joseph Mudd. **Third Row:** Vincent Bober, Louis Cooke, Allen Fenderson, Raymond Stann, Richard Fink.



newman club

The Newman Club is an organization for Catholic students designed to help the student in his religious, social, and cultural life. The club is guided by a chaplain appointed by the Bishop of the Diocese. The inspiration of Cardinal Newman is the guiding light of the clubs which now exist at more than 300 colleges and universities in the United States.

The Kekiongan Amateur Radio Club's objectives are to promote amateur radio activities among, interested students and to bring together students who have an interest in the practical application of communications.

To qualify for membership a student or faculty member must have a Federal Communications Commission License ranging from novice to advanced. Instruction for these licenses is provided by the qualified members to those who wish to take the examinations for them.

kekiongan amateur radio club



First Row: John Cochran, Faculty Advisor; Richard Webster, Secretary-Treasurer; Jerry Ryan, President; Lawrence Presler, Vice-President. **Second Row:** Richard Hixson, Don Mohnney, James Shirey. **Third Row:** Lewis Bornmann, James Feldwisch, Harry Looker.



P. Conarroe, R. Gibbs, editor; M. Young, L. Cenova, H. Krainin, T. Dwenger, P. Tillotson.

the nucleus

We of the staff like to feel that we have maintained the rich tradition of **The Nucleus** by presenting to the student body all responsible information of concern. Our main intent as the official publication of the campus is to stimulate the mind of our fellow students by presenting noteworthy news.

We believe in Indiana Tech and her students, and principles; and we consistently support all organizations and programs that contribute to the growth of the college and the student. Whenever controversy arises, we intend to present both sides lest we fall prey to irresponsible reporting.



Dick Gibbs, editor of "Nucleus," presenting President Thoma with a check from profits of the Roaring Twenties Dance.



Deadline to meet.



Student takes time to catch up on latest campus news.

First Row: Jerry Wolfe, Recording Secretary; Donald Lomont, Vice President; Walter Chrush, President; Norman Long, Faculty Moderator; Donald Cathcart, Treasurer; Floyd Foust, Corresponding Secretary. **Second Row:** Francis Kushner, Samuel Uhler, Thomas Spagnoletti, Charles Mink, Kenneth Plummer. **Third Row:** Chris Holst, Melvin Mixner, Dan Bilicki, Karl Carter, Tom Dravis.



student senate

The Student Senate is an organization composed of elected students of each class. It serves as a liaison organization between the administration, the student body, and other colleges in matters relating to student activities.

The Society of Automotive Engineers at Indiana Institute of Technology is a student branch affiliated with the national society. It is sponsored by the Mechanical Engineering Department and is open to all engineering students who are interested in the advancement of the automotive industry.

society of automotive engineers



First Row: W. C. Stillwagon, Chairman; L. Brantman, Vice Chairman; Robert Berry, Secretary; Howard Macklin, Faculty Adviser; James Claffee, Treasurer. **Second Row:** John Karlyk, Richard Hixson, R. Mercer, Carl Lundvall, Marcia Whitman, Edwin Schoeny. **Third Row:** Walter German, Richard Sequetes, Frank Whittington, Edward Gillen, Vincent J. Bober.

tech flying club

The Indiana Tech Flying Club was formed to give members an opportunity to fly, to obtain their licenses and to learn to fly at minimum cost. Day and night, local and cross-country flights are made at slight expense to the members. The organization has two planes: a Cessna 140, and a Cessna 120, both of which are hangared at Smith Field. Membership is open to all students and faculty of Indiana Institute of Technology.



First Row: Roger Kerber, President; David Roemer, Vice President; John H. Webb Jr., Treasurer. **Second Row:** Robert Woods, Flight Coordinator; Eduardo Gohl, Safety officer; Jim Widenhofer, James Taylor, Carl Matthies, Ronny Maloney. **Third Row:** Athniel C. Ottley, Fred Gaspardo, Steve Smith, John R. Jones Jr., Membership Officer; Homer Fagen, Joseph Cormican.

First Row: Thomas Haley, Brian Weldon, Ronald Garuckis, Damon Osterhout. **Second Row:** George D. Perua, Jr., Roger Hope, Frank Ello, James Taylor. **Third Row:** John Lenz, Daniel Bilicki, Jacob Bremanis, Rollin Cook.



The purpose of the Tech Manor Club is to provide the self-government of dormitory students, to represent dormitory students to the College administration, to promote scholastic attainment, and to promote the social development and general welfare of the students living in the dormitories at Indiana Institute of Technology.

**tech
manor
club**



First Row: Mrs. Carla Velatini, Mrs. Robert Stanton, Mrs. Samuel Jaimes, Mrs. Manuel Medina, Mrs. Karl Burns, Mrs. Thomas Hnat, Mrs. Ronald Chapman, Mrs. Wilfrid Maillet, Mrs. Don Tchir, Mrs. Alex Davidson, Vice-President; Mrs. Martin Coaban. **Second Row:** Mrs. Alex Alizo, Mrs. Carlo Blasetti, Mrs. Keith Austin, Mrs. Lawrence Lambert, Treasurer; Mrs. Alexis Machado, Mrs. Randolph Germann, President; Mrs. Gene

Eggers, Mrs. Joseph Boehrer, Mrs. George Walker, Mrs. Leonard Hebert, Mrs. Carl Eichman, Mrs. Michael Giger, Mrs. Lawrence Drennan. **Third Row:** Mrs. Melvin Young, Mrs. Benjamin Dow, Advisor; Mrs. Richard Goodman, Mrs. Gary Smith, Mrs. Bruce Browand, Secretary; Mrs. Gerald Bass, Mrs. Robert Henriksen, Mrs. Gregory Harp, Mrs. Erland Maki, Mrs. Marcus Whitman, Mrs. Paul Balogh, Mrs. David Lang.

indiana tech students' wives club

Organized in July 1957, the purpose of Indiana Tech Students' Wives Club has been to further social activities, acquaintances, and friendship among the wives of students of IIT. Wives of all married students of IIT are eligible for membership.

The club arranges programs of varied types for the members. These may range from an address on the social problems of our time by a local authority

to bingo or a humorous skit given by members of the Club.

It is also the purpose of Indiana Tech Students' Wives Club to contribute to and work for the good of the College whenever possible.

At banquets held twice annually wives of graduating students are presented with their P.H.T. (Putting Hubby Through) degrees.

Bake Sale in Hanser Hall.



Mrs. Alizo, Mrs. Hodge, Mrs. Barnette, Mrs. Browand.



The Inter-Fraternity Council is the judicial body which governs the standardization of the pledging program, and promotes cooperation among the fraternities in both scholastic and social affairs. It is composed of representatives of each fraternity on campus.

interfraternity council



First Row: Victor Smith, Frank Buzzanca, Kenneth Plummer, Richard Hendel. **Second Row:** Larry Levine, Henry Bittmann, Secretary; Edward Loescher, Thomas Folga, Treasurer; Kenneth Dander. **Third Row:** Charlie Sheppard, Richard Utz, Mel Mixner, President; William Porter, Lew Bornman, John Burek.

indiana tech weight lifting club

The Indiana Tech Weight-Lifting and Body-Building Club began in January of 1958. Its purpose is to promote physical culture and further sportsmanship and teamwork. Teams from the club have entered and have placed satisfactorily in college competition. Membership is available to any student who is not on scholastic probation.



STEVE KLERNER (Coach)

TED BLANEY





Grin and bear it.



Grrrrr!!

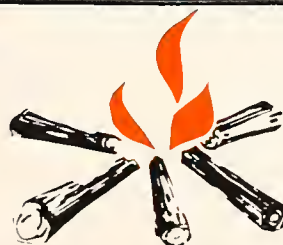
Hercules??







fraternities



alpha gamma upsilon

Beta Chapter of The Alpha Gamma Upsilon was accepted by Indiana Institute of Technology in May, 1932—the first fraternity installed in the college. The aim and purpose of Alpha Gamma Upsilon is summed up briefly in the following passage: "This fraternity shall be a secret fraternal organization whose aim and purpose is to promote friendship, comradeship, and mutual understanding among the members; to develop character; to uphold the ideals of the college, and to foster the highest ideals of ethical conduct and good citizenship."



First Row: Delep Mercandante, Tony Felone, Scott Hoëck, Larry Levine, Mr. Price, Mr. Patel. **Second Row:** Mike Kinberg, Kenneth Dander, John Quinn, Sameer Mulaeb. **Third Row:** Bob Hunsicher, John Kehole, Conrad Ramsheram, Bruce Allen.

First Row: Gregory Harp, President; Marcus Whitman, Vice-President; John Cromie, Treasurer; Dick McBride, Chaplain; Pete File, Historian; Ralph Depaolo, Business Manager; Edwin A. V. Horiak, Faculty Advisor. **Second Row:** Bruce Browand, Keith Austin, Dennis Laird, Martin Reilly, Melvin Mills, Thomas Wolfe. **Third Row:** Wilfrid Maillet, Earl Shirk, Charles Gallion, Larry Pemberton, Arthur Szabo, James Wilde, Robert McGirr.



The Alpha Omega Tau social fraternity became a part of Indiana Institute of Technology in January, 1957. The purpose of this fraternity is to promote fellowship, social, scholastic, and recreational activities for its members.

**alpha
omega
tau**

First Row: James Claffee, Vice-President; Charles Lehman, Secretary-Treasurer. **Second Row:** Charles Myers, Alexander Davidson, Ted Blaney, Donald Lomont, Abdou Abou-Antoune, Francis Kushner. **Third Row:** Mike Giger, President; Edward Hutter, Bud Congleton, John Claydon, Donald Gecks, Tom Daugherty.



iota tau kappa

Iota Tau Kappa is an honorary engineering fraternity whose name symbolized Industry (Iota), Thrift (Tau), and Knowledge (Kappa). The chief objective of this organization is to promote and to inculcate high ideals and attitudes of scholarship among the members of the student body of Indiana Institute of Technology. In order to become a member of Iota Tau Kappa, an engineering student must have a grade-point average of 3.5 or more for four terms, not necessarily consecutive terms. At least sixteen college credit hours shall comprise each of these four terms.

Kappa Alpha Psi, a college fraternity now comprised of more than 200 undergraduate and alumni chapters on major campuses and in cities throughout the country, boasts a membership of over 20,000. It was founded in the school year of 1910-11 on the campus of Indiana University at Bloomington, Indiana. Its constitution is the law of an organization predicated upon and dedicated to, the principles of achievement through a democratic fraternity.

Preparation of the coat of arms was completed during the summer of 1911 by three of the founders who solicited the aid of a professor of Greek Art at the Indiana University, together with that of a professor of Greek at Concordia University. The second chapter of Kappa Alpha Psi was chartered in 1913.

kappa alpha psi



First Row: Eugene Seward, Charlie Sheppard, President; James Kelly, Pledgemaster; Richard Gibbs. **Second Row:** Will Frazier, Louis Cooke, Gary Stanley, Record Keeper; Jerry Whittaker.

phi kappa theta

Phi Kappa Theta offers a brotherhood fraternity for the Catholic students at Indiana Tech. Phi Kappa Theta is an organization that endeavors to promote conduct consistent with good morals, and an active Catholic faith, creating an atmosphere which will stimulate substantial intellectual progress and scholastic achievement; and also to promote principles of fraternal loyalty through brotherhood.



First Row: Edward Loescher, President; Ralph Spencer, Secretary; Richard Hendel, Treasurer; Paul Arnold, Faculty Advisor.
Second Row: Joseph Constanza, Richard F. Smith, House Manager; Charles Utrias, John Daly, Tom Folga, John Currier.
Third Row: Athniel Ottley, Gerald Essenmacher, Raymond Stann, George Lekan, Tom Kinniry, Charles Scherger, John O'Connor.

First Row: Jim Bradley, Robert Baillargeon, President; Floyd Foust, Vice-President; Gerald White, Patrick Connolly, House Manager; Harvey Kriegsman, Treasurer; Robert Denny, Pledge Master; Bill Bensing, Jim Skoza. **Second Row:** Charles Dittman, Richard Chute, James Bucksbee, James Nelson, Jim Schirott, Ronald Malanowski, David Thomas, John Carpenter, John Jones, George Reithel. **Third Row:** Victor Rosynsky, Tom Walson, Dennis Taus, Joe Zacharias, Richard Walters, Lyndon

Bevins, Corresponding Secretary; Dave Bowser, Recording Secretary; Edwin Kridler, Samuel Medici, Dan Hartwick, Historian; Lue White, Roger Kerber, Dwight Case, Faculty Moderator. **Fourth Row:** Edward St. Claire, Chuck Shrontz, Richard Gallagher, Steve Smith, Larry Cherry, IFC Representative; David Chizmar, Harvey Drewes, Billey Young, Toby George, Chaplain; Richard Tomcheski, John Zink, Tom Smith, Mike Resetar.



The purpose of Sigma Phi Delta is to promote advancement of the engineering profession; to foster the advancement of engineering education; to instill a greater spirit of cooperation among engineering students and organizations; to inculcate in its members the highest ideals of good citizenship, Christian manhood, obedience to law and to brotherhood; and to encourage excellence in scholarship.

The fraternity was founded at the University of Southern California in April, 1924. The membership totals nearly 4,000 engineers and engineering students.

**sigma
phi
delta**



First Row: H. Lee Nott, James Sundy, Chester Pietras, Vice-President; Duane Liibbe, John Heasley, President; Frank Ello, Corresponding Secretary; Francis Kushner, Recording Secretary. **Second Row:** Robert R. Marshall, Chapter Advisor; A. Samuel Vhler Jr., James M. Fitzgibbons, James T. Taylor, Loren S. Hodson, Stanley Mitchell Jr., Roy Stutzman. **Third Row:** Leon Brantman, David Norr, David Wanhatalo, Chris Holst, Dan Bilicki, Controller; Dennis Parrott, Marshal; Keith M. Gamsby, Jerry Smith, C. Damon Osterhout.

Theta Tau Upsilon, a local Fraternity founded in April, 1962, became The Indiana Eta Chapter of Sigma Phi Epsilon Fraternity on November 2, 1963. The membership has grown to be the largest on Indiana Tech's campus with 46 active members.

The basic ideals of the fraternity are to promote

high academic standards; provide a useful service to the college and community, to guide and manage gentlemanly conduct at all times, to always put forth with highest moral character, and to develop an unsurpassable union of brotherhood that will serve as a guide throughout life.

sigma phi epsilon



First Row: Ted Blaney, Recorder; Victor Smith, Bruce Jones, Donald Lomont, Robert Wagoner. **Second Row:** Richard Krebs, Dave Albert, Wendell Foo, Donald Alcorn, Bill Hines, Russel Steele, Dave Whirrett. **Third Row:** Lewis Bornmann, Allen Price, Ron Zigler, Larry Wambsganss, Mel Schurdell, David Nash, Forrest Estep.

The one-time local Kappa Sigma Phi was installed April 27-28, 1963, as the Iota Lambda chapter of Tau Kappa Epsilon. Love, Charity, and Esteem, these are the guiding lights of Teke. These all boil down to brotherhood, a main goal of our fraternity. We believe that a fraternity is not solely made great by its fraters but also by the keen competition pressed upon it by the other organizations. Tau Kappa Epsilon is the largest national fraternity and is constantly expanding by initiating top local fraternities on campuses across the United States.

tau kappa epsilon



First Row: Bill Shepherd, Ron Hoffman, Carl Lundval, Tom Dravis, Melvin Mixner, Ken Coon, James Rood. **Second Row:** John Foster, Ken Plummer, Donald Cathcart, Nicholas Brewer, Walter Chrush, Robert Leiendecker, Was Arford, Joseph D'Italia. **Third Row:** Eugene Daigle, Allan Voigt, Michael Bethell, James Patterson, A. Nelson Stradling, William Poter, Peter Rosin, Karl Carter, Gregg Walker, Glenn Burger.

theta mu pi

Originally organized at Indiana Institute of Technology in January, 1957, Theta Mu Pi Fraternity places special importance on three items: EQUALITY, UNDERSTANDING, and UNITY. A constructive pledge program with no hazing or degradation of any sort, as well as special stress being placed on high scholarship as a requisite to a successful fraternity, are integral parts of the program. All members are accepted solely on their own individual worth, regardless of race, color, or creed.



First Row: James Scudato, Sergeant at Arms; Edward Hutler, Treasurer; Joe Caparrotti, Vice-President; Lee Bernhardt, Faculty Moderator; Roy Mask, President; Harvey Rutstein, 2nd Vice-President; John Petko, Corresponding Secretary. **Second Row:** Tyrrell Burns, Steve Smith, Richard Schulte, Robert Jung, George Theodore, Donald Grunden, Grover Lee, Joseph Concannon, Recording Secretary; Shirish Jasani,

Domenick Arbitrio, David Eisenhart, Angel Padilla, James Boyd, Milford Tenny. **Third Row:** Gary Bush, Ronald Sheffer, Fred Illingworth, Thomas Minnella, Jay Wood, Rudy Schalow, Joseph Bauer, Edward Bush, Ralph Christman. **Fourth Row:** Harold Burkett, Thomas Barbieri, Mahmoud Parvizi, Marvin Cunningham, Richard Schultz, Richard LeGrand, Jacob Bremanis, Roy Perkins, John Puhlhorn, William Ng.

First Row: John Kwap, Robert Sikora, Jerry Weber, Tom Peterson, Marlin Hall, Richard Smist. **Second Row:** Alexis Oleinikoff, Charles Simmons, Terry Cornelius, Donald Lieber, Treasurer; David King, Robert Perillo, Vice-President; Nunzio Taczozza, Paul Ciruzzi. **Third Row:** Robert McMonigal, Herman

Schnelker, George Perna, President; Gerald Cheselka, House Manager; Richard Koetzle, Carl J. Mueller. **Fourth Row:** Richard Utz, Norbert Jakuszeski, David Crosse, David Glynn, Recording Secretary; John Burek, House Manager; Richard Durst, Henry Bittmann.



The purpose of Theta Xi is to develop and enhance the personality of its members, to encourage scholastic achievement and good conduct, broaden outside interests, promote mutual understanding and increase loyalty on the part of the fraternity brothers to Indiana Tech. Membership is open to all male students of Indiana Tech.

theta
xi





tech alumni association

Contrary to popular belief, the Alumni Relations Office, located on Center Drive, just south of the President's Office, is not operated exclusively for Indiana Tech graduates.

On-campus students are invited to visit the offices at any time when the staff can offer constructive counsel regarding campus or alumni activities. Any student is welcome to drop in for a visit if for no other purpose than to learn what the National Alumni Association accomplishes for its members and what is expected of graduates after they have left the campus.

The Association looks on each student as a potential alumnus, who will some day become a vital part of the foundation on which the College is built. College graduates everywhere share the psychological urge to be identified as a member of the group, which is perhaps better described as the desire for "belonging." Truly once a student earns the title alumnus, he enters an exciting new part of the brotherhood of man.



Bob Harold is the Executive Secretary of the National Alumni Association. The national association maintains records on all members: active, sustaining, honorary and associate. It provides assistance to all graduates in their school, business and social life.

relations with industry program

Since August 1962 the college has been making a determined, full-time effort to establish and maintain a genuine useful working relationship with Industry and Business in the greater Fort Wayne area. This has been done by promoting, setting up and coordinating Research, Development and Testing projects, and setting up our Coop Engineering Program and special courses for the Evening Division with Industry and Business.



Kenneth Loughmiller, Director Industrial Relations Center and Relations with Industry Program.

public relations

The Public Relations Department is responsible for interpreting Indiana Tech's policies and people to a variety of "publics." The Department deals with all forms of communication involving the printed and spoken word. It is directly concerned with most of the College's publications, the issuance of releases by the News Bureau, many of the details concerned with special events like the Artist-Celebrity Series and commencement ceremonies, and works in close cooperation with such departments as College Development and Alumni Relations. Most of these responsibilities are concerned with off-campus publicity and promotion, but it is also involved in working with students and faculty to bring about better understanding of internal problems. Shown above are Lou Culp (right), director of Public Relations, and Winifred Troyer (left), staff secretary.



Lou Culp, Director; Winifred Troyer, Staff Secretary.



Kenneth Sickler, Director; Mrs. Elizabeth Reynolds, Staff Secretary.

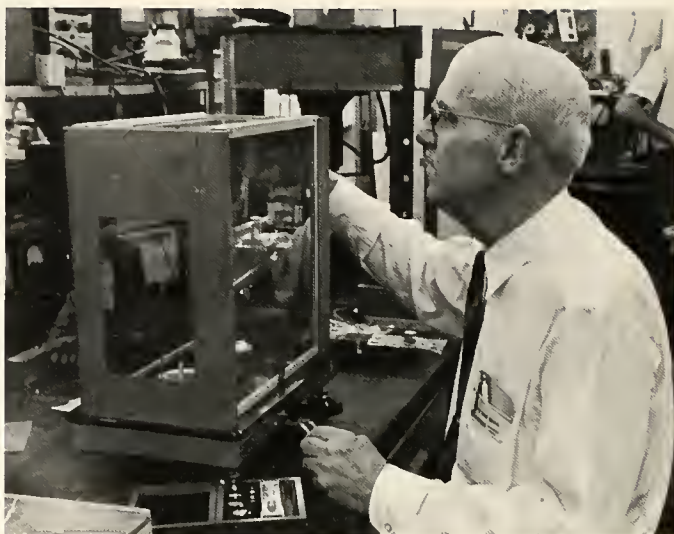
college development

Fund raising and student recruitment are major considerations of the College Development Department. Tuition fees are never sufficient to cover educational costs; so capital gifts, annual gifts, and endowments must be sought from business and industrial firms, foundations, alumni, and private citizens. Building programs and all long-range planning for future development and expansion of the College are also responsibilities of the Department. The lifeblood of the College is, of course, its enrollment and the College Development Department is constantly devising new ways of attracting qualified students to the campus. It is obvious that student enrollment must keep pace with the growth of facilities, and vice versa.

research and development laboratories



R. D. Dermer, Director.



E. F. Linhorst, Chief Research Engineer.



C. Holder, Supervisor.

During the past ten years of its operation, the R&D section has been responsible for the design and development of an extensive line of industrial test equipment. It has in a large measure been responsible for standardization of magnet wire tests through the construction of test equipment. Equipment conceived, designed and developed by the labs is now considered as standard by N.E.M.A. for magnet wire testing.

graduates not shown

FALL

Donald G. Clark, BSME, Math Option; Gardiner, Maine; Dean's List (5).

George T. Clark, BSME; Corunna, Indiana.

Kaye Cloys, BSEIE, Fort Wayne, Indiana; Varsity Basketball; Varsity Baseball; Physical Education Student Instructor; Intramurals.

Farhad A. Seirafi, BSCE; Tehran, Iran; Dean's List (1); American Society of Civil Engineers; Volleyball Team; Intramurals.

Charles A. Trinkle, BEE; Weirton, West Virginia; President's List (1); Dean's List (4); Institute of Electrical and Electronic Engineers; American Institute of Aeronautics and Astronautics.

WINTER

Marion E. Griffin, BSEE; Summerton, South Carolina; Alpha Gamma Upsilon, President.

William M. Jordan, BSEE; Lima, Ohio.

Francis G. Matt, BSCE; Lee Center, New York; American Society of Civil Engineers; Flying Club; Weight-Lifting Club.

Michael Olear, BSME; Fort Wayne, Indiana.

George Talaro, BSEIE; Honokaa, Hawaii; Hawaiian Club.

Reginald L. Woronuk, BChE; Garden City, Michigan; President's List (1), Dean's List (2); Chemical Engineering Society, Treasurer; Nucleus Staff; Fencing Team; Chemistry Lab Assistant.

SPRING

Forrest S. Estep, BSCE; Springfield, Ohio; American Society of Civil Engineers; Sigma Phi Epsilon; Intramurals.

Donald R. Ferguson, BS Math; Fort Wayne, Indiana; Physics Lab Student Instructor.

George P. Kyriazis, BS Physics and BS Math; Detroit, Michigan; Dean's List (1); Physics Lab Assistant; Physics Club; American Institute of Physics.

Chiman R. Patel, BEE and BSEE; Motikhadki, India; Dean's List (2); General Physics Instructor; Alpha Gamma Upsilon.

Charles B. Saweikis, BS Chem; Kulpmont, Pennsylvania; Dean's List (4); Chemistry Lab Assistant; American Chemical Society, Vice President; Newman Club; Alpha Gamma Upsilon, Vice President.

Reza Tamhidi, BSCE; Tehran, Iran; Civil Club; Iranian Student Organization, President; Volleyball Team; Soccer Team.

Michael E. Telley, BS Math; Fort Wayne, Indiana; Dean's List (2).

SUMMER

Mike Askari, BSCE; Tehran, Iran.

James D. Bianchetta, BSCE; Taylorville, Illinois.

Nicholas Birbilis, BSEE; Vouni-Tegeas, Greece; Institute of Electrical and Electronic Engineers; American Institute of Aeronautics and Astronautics.

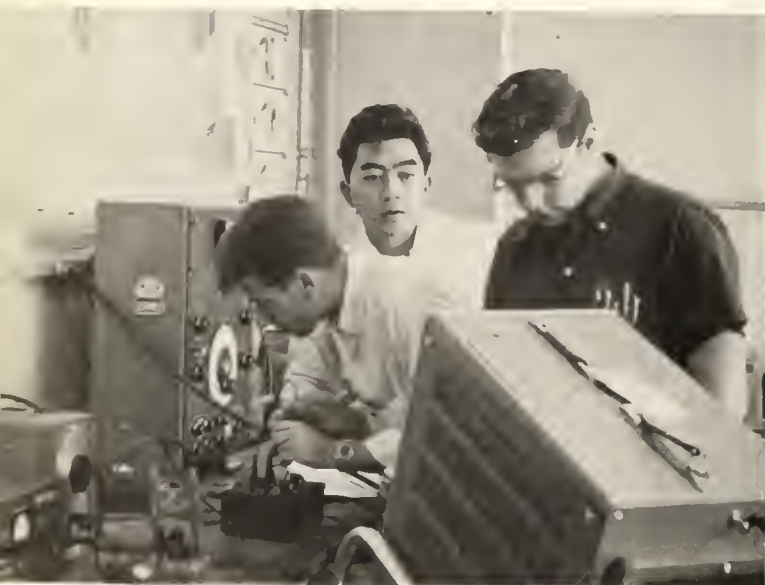
Dale Roy Hettinger, BSCE; Louisville, Kentucky; American Society of Civil Engineers, Vice President; Intramurals.

Dennis E. Laird, BSEIE; Monroeville, Pennsylvania; Weight Lifting Instructor; Tech Manor Club; Alpha Omega Tau; Intramurals.

Robert Lindner, BS Physics; Brooklyn, New York; Physics Lab Assistant; Physics Club, Secretary; Glee Club.

James E. Orsillo, BSEE; Math Option; Elmira, New York; Dean's List.

Nalin K. Vaidya, BS Chem; Bombay, India.





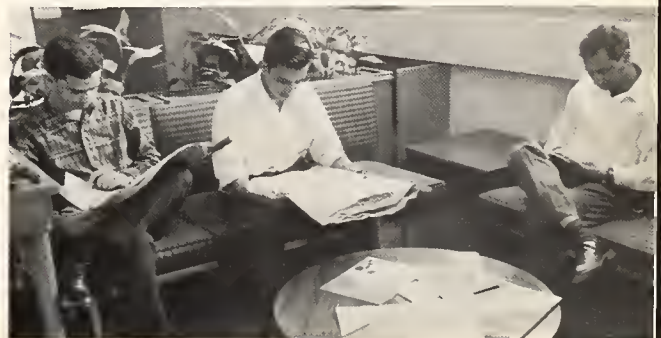
Chinese Club Banquet.



Bert Means, Manager of Cafeteria.



Paul McDowell, Superintendent of Buildings and Grounds.







NOVEMBER 22, 1963

